

## M°GILL UNIVERSITY,

MONTREAL.

## 51st ANNUAL ANNOUNCEMENT

OF THE

# FACULTY OF MEDICINE.



SESSION OF 1883-84.

Montreal:

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[And Secretary of the Royal Institution.]

WILLIAM CRAIG BAYNES, B.A., Residence and Office, East Wing, McGill College;
Office hours 10 to 2.

JAMES W. BRAKENRIDGE, B.C.L., Clerk; Residence, 1472 St. Catherine street.

## Faculty.

- JOHN WILLIAM DAWSON, LL.D., F.R.S., Principal and Professor of Natural History.
- R. PALMER HOWARD, M.D., Dean of the Faculty.

#### EMERITUS PROFESSORS.

- WILLIAM WRIGHT, M.D., Materia Medica and Therapeutics, 84 St. Famille Street.
- Duncan C. McCallum, M.D., Midwifery and Diseases of Women, 45 Union Avenue.
- ROBERT CRAIK, M.D., Chemistry, Treasurer of the Faculty, 2 Cathcart Street. JOSEPH MORLEY DRAKE, M.D., Institutes of Medicine, Abbotsford, Ouc.

#### PROFESSORS.

- R. PALMER HOWARD, M.D., Professor of Medicine, 47 Union Avenue.
- G. E. FENWICK, M.D., Professor of Surgery, 1401 St. Catherine Street.
- G. P. GIRDWOOD, M.D., Professor of Chemistry, 28 Beaver Hall Terrace.
- GEORGE ROSS, M.A., M.D., Professor of Clinical Medicine, 49 Union Avenue.
- WILLIAM OSLER, M.D., Professor of the Institutes of Medicine and Registrar of the Faculty, 1353 St. Catherine Street.
- THOMAS G. RODDICK, M.D., Professor of Clinical Surgery, 80 Union Avenue.
- WILLIAM GARDNER, M.D., Professor of Gynæcology, 914 Dorchester Street.
- Francis J. Shepherd, M.D., Professor of Anatomy and Librarian of the Faculty, 85 Mansfield Street.
- FRANK BULLER, M.D., Professor of Ophthalmology and Otology, 694 Dorchester Street.
- ARTHUR A. BROWNE, B.A., M.D., Professor of Midwifery and Diseases of Infancy, 1353 St. Catherine Street.
- JAMES STEWART, M.D., Professor of Materia Medica and Therapeutics.
- GEORGE WILKINS, M.D., Professor of Medical Jurisprudence, 856 Dorchester Street.
- D. P. PENHALLOW, B.Sc., Professor of Botany.
- R. L. MACDONNELL, B.A., M.D., Demonstrator of Anatomy and Lecturer on Hygiene, 1433 St. Catherine Street.
- WILLIAM R. SUTHERLAND, M.D., Assistant Demonstrator of Anatomy and Curator of the Museum, 745 Dorchester Street.
- GEORGE W. MAJOR, B.A., M.D., Instructor in Laryngology, 1398 St. Catherine Street.
- ALEX. D. BLACKADER, B.A., M.D., Instructor in Diseases of Children, 44

  Beaver Hall Terrace.
- T. WESLEY MILLS, M.A., M.D., Demonstrator of Practical Physiology and Histology, 561 Dorchester Street.
- ROBT. J. B. HOWARD, B.A., M.D., Assistant Demonstrator of Anatomy, 47 Union Avenue.

# McGill Gaibersity.—Faculty of Medicine.

THIRD AND FOURTH YEAR, TIME TABLE, 1883-84.

=	Target FRIDAY.							
	A.M.	Monday.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.	
1	9	Medical Jurisprudence.	General Pathology.	Medical Jurisprudence.		Medical Jurisprudence.		
)	10	Surgery, Examination.	Surgery.	Surgery.	Surgery:	Surgery.	Morbid Anatomy Demonstration.	
	11	Midwifery.	Gynæcology.	Midwifery.	Gynæcology.	Midwifery.	a tage to de Van	
	P.M. 1-2.30	Currical Clinic and Vear	Surgical Clinic, 4th Year. Medical Clinic, 3rd Year.	Medical Clinic, 4th Year. Surgical Clinic, 3rd Year.	Surgical Clinic, 4th Year. Medical Clinic, 3rd Year.	Medical Clinic, 4th Year. Surgical Clinic, 3rd Year.	Surgical Clinic, 4th Year. Medical Clinic, 3rd Year.	
	2.30	Clinical Gynœcology, at	University Dispensary,	4th year students in groups			2 2 2	
	2.30	Ophthalmic and Aural Cl	i nic daily.					
		Clinic on Diseases of the	Skin. University Disper	n sary, Monday and Friday				
		Clinic on Diseases of Chi	dren. University Dispe	n sary, Tuesday and Satu	r day			
	4	Medicine, Examination.	Medicine.	Medicine.	Medicine.	Medicine.		
	5	Ophthalmic and Aural Surgery, Lecture.		1 4 3				

Autopsies are performed at the General Hospital between 12 and 2 p.m.

## Achill Anibersity - Faculty of Medicine.

FIRST AND SECOND YEAR, TIME TABLE, 1883-84.

A.M.	Monday.	Tuesday.	Tuesday. Wednesday.		FRIDAY.	SATURDAY.
9	Anatomy, Examination.	Anatomy.	Anatomy.	Anatomy.	Anatomy, Examination.	Hygiene, 2nd or 3rd Year.
10	Practical Chemistry, 2nd Year, till 12 o'clock.	Botany, 1st Year.	Practical Chemistry, 2nd Year.	Botany, 1st Year.	Practical Chemistry, 2nd Year,	Botany Demonstration.
11	Out-Patients, Montreal General Hospital  Out-Patients, Montreal Gen'l Hospital.  Out-Patients, Montreal Gen'l Hospital.		Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Montreal Gen'l Hospital.	
P.M 2	Materia Medica.	eria Medica. Materia Medica. Materia Medica.		Materia Medica.	Materia Medica Examination.	Practical Physiology, 2nd Year.
3	Physiology Examination.	tion. Physiology. Physiology.		Physiology	Histology. 1st Year, Lecture.	
4	Practical Histology. Practical Histology. Practical Histology.		Practical Histology.	Histology Demonstrations.		
5	Chemistry.	Chemistry.	Chemistry.	Chemistry.	Chemistry Examination.	
8 to 10	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	

N.B.—The Demonstrator's Hours in the Dissecting Room are from 10-12 a.m and from 8-10 p.m.

<sup>\*</sup> The First and Second Year Students are urged to attend the Out-Patients Practice whenever possible.

The complete Calendar of the University, containing the Announcements of the Faculties of Law, Arts and Applied Science, Lists of Graduates, &c., can be had on application to the Secretary of the University

## Faculty of Medicine.

The fifty-first session of the Medical Faculty of McGill University will be opened on Monday, October 1st, 1883, by an introductory lecture at 8 p.m. The regular lectures will begin on October 2nd, at the hours specified in the time table, and will be continued six months.

The Medical School of McGill University was founded in 1824 as the Medical Institution by Drs. Stephenson, Holmes, Robertson and Caldwell. In 1829 the Medical Institution became the Medica Faculty of McGill College. There were no sessions during the political troubles from 1836 to 1839, and it is owing to this gap that the present is the 51st session of the Faculty. In reality this is the 55th session of the school which is the direct continuation of the Medical Institution.

Last September the Faculty issued invitations to all graduates whose addresses could be obtained to join them in celebrating the opening of the 50th session. The introductory lecture was delivered by Professor Howard, who dealt chiefly with the life and labours of the late Dean, Dr. G. W. Campbell, and at a banquet at the Windsor Hotel the Faculty had the pleasure of entertaining a large number of graduates and friends. A report of the introductory address and of the speeches at the banquet has been printed and a copy sent to each graduate.\*

In his address Dr. Howard urged the advisability of establishing a fund to commemorate the services rendered to the University and the city by the late Dr. Campbell, and a friend has generously offered the Faculty \$50,000 if an equal sum is raised as a "Campbell Memorial Fund" by the first of August, 1883. About \$30,000 has already been subscribed, and an appeal has been made to the graduates to help as far as lies within the power of each one.

It affords the Faculty much pleasure to be able to state that in all departments the teaching is being worked up to the best possible standards. Their ambition is to be able to offer to the young men of this Dominion a thorough medical education in all its branches equal to the very best afforded by European Schools.

<sup>\*</sup> Unfortunately owing to the light cover put on the pamphlet many were torn in transmission, and did not reach their destination. Any graduate who did not receive one sill please notify the Registrar, and a copy will be sent at once.

The Medical College, a large and substantial building situated within the University Grounds, contains two spacious class rooms, Student's waiting-room, Library, Museum, Laboratories, together with a large and well-furnished Dissecting-room.

The class tickets for the various courses are accepted as qualifying candidates for examination before the various Colleges and licensing bodies of Great Britain and Ireland, and the College of Physicians and Surgeons of Ontario.

To meet the circumstances of the General Practitioners in British North America, where there is no division of the profession into Physicians and Surgeons exclusively, the degree awarded upon graduation is that of "Doctor of Medicine and Master of Surgery," in accordance with the general nature and character of the curriculum, as fully specified hereafter. The degree is received by the College of Physicians and Surgeons of the Province of Quebec.

I.

## MATRICULATION.

It is very important that intending Students should bear in mind the following. (1) That if natives of Ontario, and if they wish to obtain the license of the Medical Board of that Province, they must pass the Preliminary Examination prescribed by that Board. The attention of Ontario students is particularly directed to the fact, that the New Medical Bill before the Imperial Parliament will allow the various colonies to make what regulations they please regarding registration. When this bill becomes law, Ontario Students can no longer evade the enactments of the council if they wish to practice in that province. (2) If natives of the Province of Quebec, they must pass the Matriculation Examination of the Quebec Medical Board.

These examinations are accepted by the University, and a Student who has passed either of them is admitted to study without further examination.

(3) Natives of the Maritime Provinces and of the United States, if they have not already passed the Matriculation Examination of a recognized University, must present themselves for the University Matriculation.

## (a) University Matriculation Examination.

This examination is the same as that recommended by the Medical Council of Great Britain. Examinations in conformity therewith will be held the last Friday and Saturday in March and the first Friday and Saturday in October of each year. Applications may be made to the Registrar of the Faculty till the evening of the previous day. The requirements of the standard for Matriculation are:—(1) English Language, including Grammar and Composition.\* (2) English History. (3) Modern Geography. (4) Latin, including Translation from the original and Grammar. (5) Elements of Mathematics, comprising (a) Arithmetic, including Vulgar and Decimal Fractions; (b) Algebra, including Simple Equations; (c) Geometry, including the first two books of Euclid or the subjects thereof. (6) Elementary Mechanics of Solids and Fluids, comprising the elements of Statics, Dynamics and Hydrostatics. (7) One of the following optional subjects; -(a) Greek, (b) French, (c) German, (d) Italian, (e) any other modern language, (f) Logic, (g) Botany, (h) Elementary Chemistry.

\* The ability of the candidate will be fully tested in the following:—"(1) To write sentences in English on a given theme, attention being paid to spelling and punctuation as well as to composition; (2) to write correctly from dictation; (3) to explain the grammatical construction of sentences; (4) to point out the grammatical errors in sentences ungrammatically composed, and to explain their nature; and (5) to give the derivation and definition of English words in common use."

Text-Books.—Latin,—Cicero, Orations 1 and 2 against Cataline; or Virgil, Æneid, Bk. I.

GREEK.—Xenophon, Anabasis, Bk. I., or equivalent.

FRENCH.—Charles XII., Two Books.

NATURAL PHILOSOPHY.—Ganot's Physics.

Graduates in Arts of recognized Universities are not required to submit to the Matriculation Examination, and a certificate of having passed the Examination before the College of Physicians and Surgeons of Ontario or of Quebec will be accepted by this University.

## (b) Matriculation Examination of College of Physicians and Surgeons of the Province of Quebec.

The subjects of examination are as follows:—
Compulsory Subjects:—English, French, Latin, Arithmetic,
Algebra, Euclid, History, Geography, Belles-Lettres.

Optional Subjects:—Candidates can select any one of the follow-

ing :- Greek, Natural and Moral Philosophy.

The Examinations will be held upon the 20th of September, 1883, at Quebec, and on the 8th of May, 1884, at Montreal. Applications to be made to Dr. F. W. Campbell, Montreal, or Dr. Belleau, Quebec.

Examination Fee, ten dollars. Should the candidate be unsuc-

cessful, one half of the fee will be returned.

Of the four years study after having passed the Matriculation Examination, three six months' sessions, at least, must be attended at a University, College, or Incorporated School of Medicine, recognized by the "Provincial Medical Board." The first session must be attended during the year immediately succeeding the Matriculation Examination, and the final session must be in the 4th year.

# (c) Matriculation Examination of the College of Physicians and Surgeons of the Province of Ontario.

The following are the latest regulations of the Ontario Medical

Board respecting this Examination:

"On and after July 1st, 1881, every one desirous of being registered as a Matriculated Medical Student in the Register of this College, except as hereinafter provided, must present to the Registrar the Official Certificate of having passed the High School Intermediate Examination, with Latin included, whereupon he shall be entitled to be so registered upon the payment of twenty dollars, and giving proof of his identity.

The said Examination to embrace the following subjects:

## Compulsory:

- a. ARITHMETIC, ALGEBRA and EUCLID.
- b. English Grammar, Composition and Dictation.
- c. HISTORY, GEOGRAPHY, and ENGLISH LITERATURE.
- d. NATURAL PHILOSOPHY, CHEMISTRY and BOOK-KEEPING.
- e. LATIN.

And one of the following:-

## Optional:

a. GREEK.

b. FRENCH.

c. GERMAN.

Graduates in Arts, or Students having Matriculated in Arts in any University in Her Majesty's Dominions, are not required to pass this Examination, but may register their names with the Registrar of the College, upon giving satisfactory evidence of their qualifications, and upon paying (after July 1st, 1881) the fee of Twenty Dollars."

### TT

## ENREGISTRATION AND PAYMENT OF FEES.

The following are the University Regulations:

All Students desirous of attending the Medical Lectures shall, at the commencement of each Session, enrol their names and residences in the Register of the Medical Faculty, and procure from the Registrar a ticket of Enregistration, for which each Student shall pay a fee of \$5; excepting in the Clinical Classes, in which Enregistration for Students of other Schools shall not be compulsory.

The said Register shall be closed on the last day of October in each year. The fees are payable to, and all class tickets will be issued by, the Registrar, and must be paid, (except under special circumstances) at the time of enregistration.

Enregistration in the Summer Session is compulsory upon all Students, whether attending one or more of the Classes.

#### TIT.

#### COURSES OF LECTURES.

1 Anatomy.—(Prof. Shepherd.)—Anatomy will be taught in the most practical manner possible, and its relation to Medicine and Surgery will be fully dwelt on. The lectures will be illustrated by the fresh subject, moist and dry preparations, sections, models and plates.

2 Practical Anatomy—[Drs. MacDonnell, Sutherland and R. J. B. Howard.—Special attention is devoted to this important branch, the teaching being similar to that of the best European schools. The Dissecting-Room is open from 8 a.m. to 10 p.m.; the Demonstrators' hours are from 10 to 12 a.m., and 8 to 10 p.m. Special Demonstrations on the Brain, Thorax, Abdomen, Bones, etc., are frequently given. Every Student must be examined at least three times on each part dissected, and if the examinations are satisfactory a certificate is given. Prizes are awarded at the end of the Session for the best examination on the fresh subject. Material provided under cost.

3 Chemistry.—[Prof. Girdwood.]—Inorganic Chemistry is fully treated; a large portion of the course is devoted to Organic Chemistry and its relations to

Physiology. The branches of Physics bearing upon or connected with Chemistry also engage the attention of the Class. For experimental illustration, abundant apparatus is possessed by the Professor, among which may be enumerated, a powerful Air Pump-Oxy-Hydrogen Microscope-Polariscope-extensive series of Models of Crystals, Electrical and Galvanic apparatus, Steam Engine, &c., &c.

- 4 Practical Chemistry. [Prof. Girdwood.] Thorough instructionis given in the different departments of Practical Chemistry in the Laboratory of the Faculty, under the personal supervision of the Professor. The course includes blow-pipe manipulations, qualitative and quantitative analysis, toxicological investigations, &c., &c. This class may be taken in the Summer Session.
- 5 Institutes of Medicine.—[Prof. Osler and Dr. Mills.]—Embraced in this course are the following classes:-
  - (a) Physiology, comprising.

(I) A full course of didactic lectures upon the structure and functions of the various organs of the body in health. The lectures are illustrated by fresh preparations, diagrams, plates and models, and by experiments with apparatus.

- (2) Practical Physiology:—In addition to the demonstrations in the Lectureroom, the senior members of the class have an opportunity of attending the following. (a) Physiological chemistry (weekly until Christmas), in which class each student works over the essentials of the chemistry of digestion, the secretions and the urine. (b) A special demonstration course in Experimental Physiology (weekly, after Christmas) with the use of apparatus. Candidates for the Morrice scholarship must take these classes.
- (3) Histology.—Ist. Normal. A bi-weekly course of lessons throughout the session. Microscopes, re-agents and material provided. It comprises thorough instruction in the use of the Microscope and the preparation of the tissues, each Student preparing for himself during the course a cabinet of 100 or more specimens. 2nd. Pathological, including the Microscope in relation to Practical medicine. Bi weekly in the Summer Session.
  - (b) Pathology, comprising,

(I) Twenty lectures on General Pathology to the students of the 3rd year.

(2) Pathological Demonstrations-weekly-Saturday, 10 a.m. This course is based upon, and conducted, as far as possible, in the same way as that of Prof. Virchow, at the Berlin Pathological Institute. Specimens of all kinds are collected throughout the week, kept until Saturday, and then brought before the class, when practical comments are made upon them.

(3) Instruction in Post-Mortems — The Autopsy Room of the General Hospital is in charge of the Professor, and the post-mortems are performed by the Students in rotation, under his supervision. System and thoroughness in inspection are insisted upon, the method followed being that of Virchow. As far as possible, attention is drawn to the Medical Anatomy of the thoracic and abdominal organs. In connection with this class, aided by the Professor of Medical Jurisprudence, two Coroners' Inquests will be conducted during the Session before the class, and the Medico-legal aspects of post-mortems dwelt upon.

6 Materia Medica.-[Prof. Stewart.]-

7 Theory and Practice of Medicine.—[Prof. Howard.]—While the lectures on this subject are mainly devoted to Special Pathology and Therapeutics, the department of General Pathology in this University being included in the Institutes, of Medicine, no opportunity is lost of illustrating and explaining the general laws of disease. With the exception of certain affections seldom or never observed in this country, all the important diseases of the body, not described from the chairs of Surgery and Obstetrics, are discussed, and their Pathological Anatomy illustrated by the large collection of morbid preparations in the University Museum, and by fresh specimens contributed by the Demonstrator of Morbid Anatomy.

The College possesses an extensive series of Anatomical plates illustrative of the histological and anatomical appearances of disease, and the wards of the General Hospital afford the lecturer ample opportunities to refer to living examples of very many of the maladies he describes, and to give the results of treatment.

8 Clinical Medicine.—[Prof. Ross.]—Attendance is given in the Medical Wards of the Montreal General Hospital on three days of every week with the 3rd year students and three days with the 4th year men. Accurate reports of all cases are kept by duly appointed clinical clerks, and are systematically read before the class. Instruction is given by the bedside, and special induce ments are offered to every pupil to take part in the physical examination of patients. The mode of conducting investigations, the use of the microscope, the value of the thermometer and ophthalmoscope, etc., in Medical Diagnosis, are all explained and illustrated. Senior Students are called upon in rotation to examine new cases before the class, and to be examined thereon as to their general knowledge. In addition, one weekly Clinical Lecture is delivered, bearing upon some case or cases of importance which may happen to be under observation at the time. Special attention is directed to Medical Anatomy, and candidates for the degree will be examined thereon.

9 Surgery.—[Prof. Fenwick].—The lectures on this subject are divided into, 1st. Surgical Pathology, illustrated by a large collection of preparations from the College Museum, also specimens as they are obtained from cases under observation at the Hospital, and contributed to that collection by the Hospital pathologist and from private sources. The second part of the course is devoted to the practice of Surgery, in which attention is drawn to cases which have been observed by the class during the previous summer session. The various surgical apparatus are exhibited, and their uses and application explained. Surgical Anatomy and Operative Surgery forms a special department of this course, and Quain's and Maclise's plates are used in illustration.

10 Clinical Surgery.—[Prof. Roddick.]—This course is eminently practical, consisting of bedside instruction and lectures delivered weekly, illustrative of Surgical cases actually present in the wards of the General Hospital. The class is separated into junior and scnior divisions which are taken charge of by the Teacher on alternate days, when the reports of the Clinical clerks are read and criticized, and fresh cases are examined by the senior Students. The Surgical dressings are, as much as possible, reserved for these occasions, so as to give all present an

opportunity of participating in the application of splints to fractures, dressing of wounds, minor operations, etc. Major operations are performed in the theatre attached to the Hospital, which is so constructed that the most distant can obtain a fair view of the operation. All of the recently invented appliances for the treatment of Surgical disease have been introduced into the Hospital.

11 Midwifery.—[Prof. Browne.]—This course will embrace (I) Lectures on the principles and practice of the obstetric art, illustrated by diagrams, fresh and preserved specimens, the artificial pelvis, &c.; (2) Bedside instruction in the Lying-in Hospital, including the management and after-treatment of cases; (3) A complete course on obstetric operations with the cadaver and preserved feetuses, in which each final student will perform the various manipulations and operations (4) The Disease of Infancy.

12 Gynæcology.—(Prof. Gardner.)—The course on this subject will comprise two lectures a week throughout the session. The anatomy and physiology of the parts concerned will be first discussed. Then the various methods of examination will be fully described, the necessary instruments exhibited and their uses explained. After this the diseases peculiar to the sex will be considered as fully as time will permit in the following order:—Disorders of Menstruation; Leucorrhœa, its causes and treatment; Pelvic Cellulitis and Peritonitis; Lacerations of the Cervix Uteri and Perineum; Urinary and Fæcal Fistulæ; Inflammations of the Uterus; Displacements of the Uterus; Tumours of the Uterus; Diseases of the Ovaries.

The lectures will be illustrated as fully as possible by drawings and morbid specimens. The gynæcological clinic of the University Dispensary furnishes the Professor with ample material to illustrate the subjects considered in the didactic lectures.

13 Medical Jurisprudence.—[Prof. Wilkins.]—This course includes Insanity, the subject being treated of in its Medical as well as Medico-legal aspects. Special attention is devoted to the subject of blood stains, the Clinical, Microscopic and Spectroscopical tests for which are fully described and shown to the class. The various spectra of blood in its different conditions are shown by Zeiss' Micro-spectroscope, so well adapted for showing the reactions with exceedingly minute quantities of suspected material. Recent researches in the diagnosis of human from animal blood are alluded to. In addition to the other subjects usually included in a course of this kind, Toxicology is taken up. The modes of action of poisons, general evidence of poisoning and classification of poisons are first treated of, after which the more common poisons are described with reference to symptoms, post-mortem appearances, and chemical tests. The post-mortem appearances are illustrated by plates, and the tests are shown to the Class.

14 Hygiene and Public Health.—[Dr. MacDonnell.]—A three months' course of Lectures will be delivered on this subject, the attendance upon which is now compulsory. The course comprises lectures on Drinking water and Public water supplies; conditions of Soil and Water as affecting health, including Drainage and the various methods for the removal of Excreta; the Atmosphere, including Heating and Ventilation; Individual Hygiene, com—rising the subjects of Food and

Drink; Physical Exercise and Bathing; discussion of the respective merits of the various forms of each, precautions, contraindications, etc. Village Sanitary Associations; Mutual Protective Sanitary Associations for cities.

15 Ophthalmology and Otology.—[Dr. Buller.]—Will include a course of lectures on diseases of the Eye and the Ear, both Didactic and Clinical. In the former the general principles of diagnosis and treatment will be dealt with; in the latter, cases illustrative of the typical forms of ordinary diseases of these organs will be exhibited and explained to the class, and afterwards placed under the special care of gentlemen who may show themselves competent to take charge of them. A Course of Operations on the Cadaver will be open to such Students as may wish to avail themselves of the same.

16 Botany and Zoology.—[Prof. Penhallow.]—The course in Botany is illustrated by specimens, diagrams, models, and the microscope. Students have access without any additional fee to the lectures in Zoology in the Faculty of Arts, and to the Natural History Museum of the University and the Museum of the Natural History Society of Montreal.

Students have an opportunity of attending a course of eight lectures on the Parasitic Diseases of Man and the Domestic Animals. (Prof. Osler.) The life history and development of the Entozoa, together with the diseases caused by them, are fully considered. The lectures are illustrated by a series of beautiful diagrams, and by fresh and prepared specimens.

The following are extracts from the University Regulations with respect to the courses of Lectures:

Ist. Each Professor shall deliver at least five Lectures during the week, except in the Medical Jurisprudence and Botany, if extended through six months, in which case three Lectures a week will suffice.

2nd. Every Lecture shall be of one hour's duration.

3rd. Every Professor shall occasionally examine his class upon the subjects treated of in his preceding Lectures, and every such examination shall be considered a Lecture.

4th. A roll of the names of the Students attending each class shall be called from time to time.

#### IV.

## QUALIFICATIONS FOR THE DEGREE.

The following are extracts from the Regulations respecting the qualifications of Candidates for the Degree in Medicine:

Ist. No one shall be admitted to the Degree of Doctor of Medicine and Master of Surgery, who shall not either:—Ist, have attended Lectures for a period of at least four six months' sessions in this University, or some other University, College, or School of Medicine, approved of by this University; or, 2ndly, have furnished proof that he has studied medicine during at least four years, and during that time has attended Lectures for a period of at least three si

months' Sessions, including the 1st and 4th, either in this University, or some other University, College, or School of Medicine approved of by this University.

2nd. Candidates for the Final Examination shall furnish Testimonials of attendance on the following branches of Medical Education, viz:—

Anatomy.
Chemistry.
Materia Medica and Pharmacy.
Materia Medicia and Pharmacy.
Institutes of Medicine.
Principles and Practice of Snrgery.
Midwifery and Diseases of Women and Children.
Theory and Practice of Medicine.
Practical Anatomy.
Clinical Medicine.
Clinical Surgery.

Of which two Courses will be required of six months' duration.

Medical Jurisprudence.

Of which one Course of six months, or two Courses of three months will be required.

Practical Chemistry. Botany or Zoology. Hygiene. Of which one Coursewill be required of three months' duration.

And a Course of not less than twenty-five Demonstrations upon Microscopic Anatomy, Physiology, and Pathology.

Provided, however, that Testimonials equivalent to, though not precisely the same, as those above stated may be presented and accepted.

3rd. The Candidate must give proof by ticket of having attended during eighteen months the practice of the Montreal General Hospital, or that of some other Hospital approved of by this University, and have compounded medicines for six months.

4th. He must also give proof by ticket of having attended for at least six months the practice of the University or other Lying-in-Hospital approved of by this University, and of having attended at least six cases of accouchement.

5th. No one shall be permitted to become a Candidate for examination who shall not have attended at least one Session of this University, and one full course of all the branches included in its curriculum.

6th. Courses of less length than the above will only be received for the time over which they have extended.

7th. Every Candidate for the Degree must, on or before the fifteenth of February, present to the Dean of the Medical Faculty testimonials of his qualifications, entitling him to an examination, and must at the same time deliver to the Dean of the Faculty the following Certificate:—

I, the undersigned, being desirous of obtaining the Degree of Doctor of Medicine and Master of Surgery, do hereby declare that I have attained the age of twenty-one years, or (if the case be otherwise), that I shall have attained the age of twenty-one years before the next graduation day, and that I am not (or shall not be at that time, under articles as a pupil or apprentice to any Physician, Surgeon, or Apothecary.

(Signed;)

A.B.

 $8 \mathrm{th}.$  The trials to be undergone by the Candidate shall be such as are referred to under Section V

9th. The following Oath or affirmation will be exacted from the Candidate before receiving his degree :

#### SPONSIO ACADEMICA.

In Facultate Medicinæ Universitatis.

Ego, A——B——, Doctoratus in Arte Medica, titulo jam donandus, sancto coram Deo cordium scrutatore, spondeo;—me in omnibus grati animi officiis erga hanc Universitatem, ad extremum vitæ halitum, perseveraturum; tum porro artem medicam caute, caste, et probe exercitaturum; et quoad in me est, omnia ad ægrotorum corporum salutem conducentia, cum fide procuraturum; quæ denique, inter medendum, visa vel audita silere conveniat, non sine gravi causa vulgaturum. Ita præsens mihi spondenti adsit Numen.

10th. The Fee for the Degree of Doctor of Medicine and Master of Surgery shall be thirty dollars, to be paid by the successful candidate immediately after examination, together with a Registration fee of one dollar.

11th. The money arising from the fees of Graduation, as well as those of Enregistration, shall be applied to the enlargement of the Medical Library and Museum, and to defraying their expenses.

#### V.

#### EXAMINATIONS

In each class a weekly examination is held to test the progress of the Student; and in addition two or three written examinations are given throughout the Session.

The examinations at the close of each Session are arranged as follows:

#### Ist Year-

HISTOLOGY. BOTANY. CHEMICAL PHYSICS.—including—Molecular Forces, Heat, Light, Electricity and Magnetism.

## 2nd Year-Primary, Pass Examination.

ANATOMY.
PRACTICAL ANATOMY.
PHYSIOLOGY.
CHEMISTRY.
PRACTICAL CHEMISTRY.
MATERIA MEDICA.

## 3rd Year-

MEDICAL JURISPRUDENCE WITH TOXICOLOGY.
HYGIENE.\*
GENERAL PATHOLOGY.
MEDICINE.
SURGERY.
MIDWIFERY.
CLINICAL MEDICINE.
CLINICAL SURGERY.

By means of the above arrangement a certain definite amount of work must be accomplished in each year, and an equitable division is made between the Primary and Final branches.

With regard to the Primary Examination at the end of the 2nd Year, it remains optional with the Student whether he passes in all the branches or leaves two for the 3rd Year. In any case, Chemistry and one other must be taken at the close of the 2nd Year.

#### VI.

## SCHOLARSHIPS, MEDALS AND PRIZES.

1st. The Holmes Gold Medal, awarded to the Student of the graduating class who receives the highest aggregate number of marks for the best examinations, written and oral, in both Primary and Final Branches.

<sup>\*</sup> May be taken at the end of Second Year.

## Ceneral Statement.

## SESSION OF 1883-84.

The Fifty-first Session of the University, being the Thirty-first under the amended Charter, will commence in the Autumn of 1883.

By Virtue of the Royal Charter, granted in 1821 and amended in 1852, the Governors, Principal and Fellows of McGill College constitute the Corporation of the University; and, under the Statutes framed by the Board of Governors, with approval of the Visitor, have the power of granting Degrees in all the Arts and Faculties, in McGill College, and Colleges affiliated thereto.

The Statutes and Regulations of the University have been framed on the most liberal principles, with the view of affording to all classes of persons the greatest possible facilities for the attainment of mental culture and professional training. In its religious character the University is Protestant, but not denominational; and while all possible attention will be given to the character and conduct of students, no interference with their peculiar religious views will be sanctioned.

The educational work of the University is carried on in McGill College, Montreal, and in the Affiliated Colleges and Schools.

## I. McGILL COLLEGE.

- THE FACULTY OF ARTS.—The complete course of study extends over four Sessions, of eight months each: and includes Classics and Mathematics, Experimental Physics, English Literature, Logic, Mental and Moral Science, Natural Science, and one Modern Language, or Hebrew; all which subjects are imperative in the first two years of the course; but in the third and fourth years options are allowed in favour of the Honour Courses in Classics, Mathematics, Mental and Moral Science, Natural Science, and English Literature. Certain exemptions are also allowed to professional Students. The course of study leads to the Degrees of B.A., M.A., and LL.D.
- THE FACULTY OF APPLIED SCIENCE provides a thorough professional training, extending over three or four years, in Civil Engineering, Mechanical Engineering, Mining Engineering and Assaying, and Practical Chemistry, leading to the Degrees of Bachelor of Applied Science, Master of Engineering, and Master of Applied Science.
- THE FACULTY OF MEDICINE.—The complete course of study in Medicine extends over four Sessions, of six months each, and leads to the Degree of M.D., C.M. There is also a Summer Course, which is optional.
- THE FACULTY OF LAW.—The complete course in Law extends over three Sessions, of six months each, and leads to the degrees of B.C.L., and D.C.L.

## II. AFFILIATED COLLEGES.

Students of Affiliated Colleges are matriculated in the University, and may pursue their course of study wholly in the Affiliated College, or in part in McGill College, and may come up to the University Examinations on the same terms with the Students of McGill College.

MORRIN COLLEGE, Quebec—Is affiliated in so far as regards Degrees in Arts and Law.

[Detailed information may be obtained from Rev. John Cook, D.D., Principal.]

St. Francis College, *Richmond*—Is affiliated in so far as regards the Interme diate Examinations in Arts.

[Detailed information may be obtained from the Principal, Richmond, P. Q.]

## III. AFFILIATED THEOLOGICAL COLLEGES.

Affiliated Theological Colleges have the right of obtaining for the Students the advantage, in whole or in part, of the course of study in Arts, with such facilities in regard to exemptions as may be agreed on.

THE CONGREGATIONAL COLLEGE OF BRITISH NORTH AMERICA, Montreal.

THE PRESBYTERIAN COLLEGE OF MONTREAL, in connection with the Canada Presbyterian Church.

THE DIOCESAN COLLEGE OF MONTREAL.

THE WESLEYAN COLLEGE OF MONTREAL.

## IV. AFFILIATED SCHOOLS.

THE McGill Normal School provides the training requisite for Teachers of Elementary and Model Schools and Academies. Teachers trained in this School are entitled to Provincial Diplomas.

THE MODEL SCHOOLS OF THE McGILL NORMAL SCHOOL are Elementary Schools, divided into a Boys' Department, Girls' Department, and Primary School.

COLLEGIATE INSTITUTES, ACADEMIES, and HIGH SCHOOLS may be affiliated in so far as regards Matriculation in Arts and Applied Science, under the University regulations. The following are at present so recognized:—

Prince of Wales College, Charlottetown P.E.I., Collegiate Institute, Hamilton, Ont., Canadian Literary Institute, Woodstock, Ont., the High School, Montreal, the Bishop's College School, Lennoxville, the Girls' High School, Montreal, the Lachute College, the Dunham Academy, the Knowlton the Waterloo Academy.

2nd. A prize in books awarded for the best examination, written and oral, in the Final Branches. The gold medallist is not permitted to compete for this prize.

3rd. A prize in books awarded for the best examination, written and oral, in the Primary Branches.

4th. The Sutherland Gold Medal, awarded for the best examination in Theoretical and Practical Chemistry, together with creditable examination in the Primary Branches.

5th. A Scholarship of the value of \$100, presented by Mr. David Morrice, tenable for one year, given to the Student who passes the best theoretical and practical examination in the Institutes of Medicine.

A prize in books for the best examination in Practical Anatomy.

A prize in books for the best examination in Botany.

A money prize of \$25 for the best collection of Plants. Candidates must be Students in Botany of the previous Session, and the collections or duplicates of them must remain in the College Museum.

## VII.

#### FEES.

Distributed according to years, the class fees are as follows:

## FIRST YEAR.

Anatomy	\$12.00
Institutes of Medicine (Physiology and Pathology, including Demon-	Per Links
strations)	16 00
Materia Medica	10 00
Chemistry	12 00
Chemistry	12 00
Practical Anatomy	12 00
Botany	F 00
Dissecting Material	5 00
Enregistration	5 00
Enregistration	5 00
T 1	_
Total	\$79 00
	717 00

### SECOND YEAR.

The	same,	without	Botany,	but	with	Hygiene,	\$6,	and	Practical		
	Chemis	try, \$12-	-Total							\$02	00

### THIRD YEAR.

\$12.00

\$12 00
Medicine
Medicine
Clinical Medicine
Surgery
Med. Jurisprudence
Enregistration
Total\$75 00
FOURTH YEAR.
The same, with the omission of Jurisprudence—Total\$65 00
HOSPITAL FEES.
Montreal General Hospital, Perpetual Ticket
TT . 1/ Dispancery
University Dispensary. 8 00 University Lying-in Hospital
\$28 00
Graduation Fee
Matriculation Fee, payable only if the Student takes the University
Metriculation
Total Collegiate and Hospital expenses, spread over four years, about \$370
Total Collegiate and Hospital expenses, spenses, out the Hospital ticket,
First Year Students are advised to take out the Hospital ticket,
nd attend the out-door practice.
that a Student wishing to take any other

It is to be understood that a Student wishing to take any other class than those of his year can do so on payment of the class fee.

Fees are payable in advance, to the Registrar, at the time of enregistration.

### VIII.

## TEXT BOOKS.

ANATOMY.—Gray, Wilson, Sharpey and Quain.

PRACTICAL ANATOMY.—Heath's and Ellis' Dissectors, Holden's Dissector and Landmarks.

CHEMISTRY.—Fownes, Miller, Roscoe.

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PRACTICAL CHEMISTRY.—Odling, Galloway, Fresenius.

MATERIA MEDICA.—Therapeutics.—Garrod, Ringer Wood.

Institutes of Medicine.—Physiology.—Huxley's Elementary Lessons with either Dalton (7th Edit.), Kirke or Foster (Am. Edit.). Pathology.—Virchow on Post-Mortems, Green.

HISTOLOGY.—Osler.

SURGERY.—Holmes' Surgery, Erichsen, Druitt, Bryant.

PRACTICE OF MEDICINE.—Flint, Roberts, Bristowe, DaCosta.

MEDICAL JURISPRUDENCE.—Taylor, Guy and Ferrier, Woodman & Tidy's Handbook, Maudsley on Insanity, Shepherd's Lectures

4th Year -

MEDICINE.

SURGERY.

MIDWIFERY.

CLINICAL MEDICINE.

CLINICAL SURGERY.

OPHTHALMOLOGY AND OTOLOGY.

In the past year the Museum has undergone a thorough revision, and a large number of specimens have been added. A printed catalogue is in course of preparation.

Graduates of the University are invited to contribute specimens.

The Curator will be in the Museum every Saturday at 11 a.m. to demonstrate and explain the preparations to any students who may care to attend.

### X.

### LIBRARY.

This comprises about eight thousand volumes, including all the standard text-books and works of reference, together with complete files of the leading periodicals. Students may obtain books on making a deposit of \$4.00, which is refunded on returning the volumes.

## McGILL MEDICAL SOCIETY.

This Society, composed of enregistered Students of the Faculty, meets once a week during the Summer Session, and fortnightly during the winter, for the reading of papers and the discussion of medical subjects. It is presided over by a physician chosen by the members.

A reading room has been established in connection with the Society, in which the leading English and American medical journals are on file.

## XII.

## COST OF LIVING, &c.

This will, of course, vary with the tastes and habits of the Student, but the necessary expenses need not exceed those in smaller towns. Good Board may be obtained from \$14 to \$20 per month. A list of Boarding-houses is prepared annually by the Secretary of the University, and may be procured from the Janitor at the Medical College.

## XIII.

## HOSPITALS.

## MONTREAL GENERAL HOSPITAL.

The Montreal General Hospital affords ample means for the instruction of Students in Clinical Medicine and Surgery. The daily number of beds occupied by patients averages from 140 to 150, and during epidemic visitations has reached a much higher number. The Governors have also erected a Hospital for Children, contiguous to the Reid Wing of the present building. The Students have thus an opportunity of becoming familiar with nearly all the diseases of suffering humanity, and with the peculiarities imparted to them by infancy, adolescence, maturity and declining age.

The large number of out-door patients that are treated in the Hospital—averaging from sixty to seventy daily—supply illustrations of most of the diseases of infants and children, of very many of the eye

and skin, and of those chronic and ill-defined ailments which, as they do not require admission to the wards of a hospital, would not otherwise come under the observation of the Student.

The large number of patients affected with diseases of the eye and ear, now attending the out-door department, will afford Students ample opportunity to become familiar with all the ordinary affections of those organs, and to make themselves proficient in the use of the ophthalmoscope, and it is hoped that every Student will thus seek to gain a practical knowledge of this important branch of Medicine and Surgery. Operations are performed on the eye, by Dr. Buller, after the out-door patients have been seen, and Students are invited to attend the same, and, as far as practicable, to keep such cases under observation so long as they remain in the Hospital.

The shipping contributes many examples of accidents and surgical cases.

CLINICAL CLERKS to both medical and surgical wards are appointed every three months, and each one during his term of service conducts, under the immediate direction of the Clinical Professors, the reporting of all cases in the ward allotted him. The holding of one of these offices is found to be of the greatest possible advantage to Students, as affording a true *practical* training for his future professional life. They will be awarded on application at the end of each Session to final Students of that year, in order of their standing in the primary examination.

Dressers are also appointed to the Surgical wards and to the Outdoor Department. For these appointments application is to be made to the Professor of Clinical Surgery, and to the Outdoor attending Physicians.

The Operating Room (used also for a lecture room) is so constructed as to enable the Students to obtain a good view of the operations.

## MONTREAL DISPENSARY.

ST. ANTOINE STREET.

About 10,000 patients yearly are treated at this Institution. The cases are of great variety, comprising a large number of pulmonary

affections and children's diseases. Minor operations are of daily occurrence, and excellent practice is afforded in the application of splints and bandages. The attending Physicians furnish Students with all possible facilities. The hours of attendance are from 12-2 daily.

## UNIVERSITY LYING-IN HOSPITAL.

This is under the direction of the Professor of Midwifery. Students who have already attended one course of his lectures are furnished with cases in rotation; they are advised to attend this Institution as much as possible during the summer, when, since there are as many patients and not so many pupils as in winter, a larger proportion of cases falls to the share of each.

## UNIVERSITY DISPENSARY.

This Dispensary was established two years ago for special clinical instruction in Diseases of women; and special clinics have been established at the same place, for Diseases of Children and for Diseases of the Skin.

Diseases of Women.—The difficulty of affording to senior students practical instruction in gynæcology is felt in most schools, as women will not present themselves for examination before a large class of men. The plan followed for the past four years with marked success has been the limitation of the number of students to two or three, who in rotation assist at the examinations, and receive instruction in the diagnosis and treatment of uterine diseases and the use of gynæcological instruments. The attendance is on Tuesdays, Thursdays and Saturdays, 1–4 p.m.

Diseases of Children.—The clinic is on Tuesdays, Thursdays and Saturdays at 11 a.m., when the patients are seen and instruction given on the cases.

Diseases of the Skin.—The Surgeon in charge will attend every Monday and Friday at 2 p.m. Arrangements will be made whereby a limited number of Students can be present on each occasion.

#### XIV.

## RULES FOR STUDENTS.

- 1. In the case of disorderly conduct, any Student may, at the discretion of the Professor, be required to leave the Class-room. Persistence in any offence against discipline after admonition by the Professor shall be reported to the Dean of Faculty. The Dean may, at his discretion, reprimand the Student, or refer the matter to the Faculty at its next meeting, and may in the interval suspend from Classes.
- 2. Absence from any number of lectures can only be excused by necessity or duty, of which proof must be given, when called for, to the Faculty. The number of times of absence, from necessity or duty, that shall disqualify for the keeping of a Session shall in each case be determined by the Faculty.
- 3. While in the College, Students are expected to conduct themselves in the same orderly manner as in the Class-rooms.
- 4. When Students are brought before the Faculty under the above rules, the Faculty may reprimand, impose fines, disqualify from competing for prizes and honours, suspend from Classes, or report to the Corporation for expulsion.

## XV.

#### PAST SESSION

The total number of students enregistered in this Faculty during the past year was 188, of whom there were, from—

Ontario,	93	New Brunswick,	15
Quebec,	44	P. E. Island,	9
Nova Scotia,	7	Newfoundland,	2
Manitoba,	3	West Indies,	2
	United	1 States, 13.	

The following gentlemen, 42 in number, have passed their Primary Examination on the following subjects: Anatomy, Practical Anatomy, Chemistry, Practical Chemistry, Materia Medica and Pharmacy, Institutes of Medicine and Botany or Zoology. Their names and residences are as follows:

Allan, J. H. B	. Montreal, Q.
Burrows, F. N	.Goldstone, O.
Cassidy, G. A Daly, W. D., B. A	Ogdensburg, N.Y.
Daly, W. D., B. A	. Montreal, Q.
Ferguson, W. A., B.A. (McGill)	. Richibucto, N.B.
Finley, F. G	Montreal, Q.
Finley, F. G	Carp, O.
Groves, W	Truro, N.S.
Hallett, E. O	Harlem, O.
Hanna, A. E	Vankleek Hill, O.
Harkin, Fred	Avlmer, O.
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TT. tabison T A	
Irvine, R. T	Almonte, O.
Johnson, C. II	Charlottetown, P.E.I.
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- 1 T U	· · · Holidon)
Merritt, D. P., B.A. (McGill)	Pombroke ()
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AF-Class W BA (McGill)	Lachace, L.
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D F P A (Toronto)	· · · Liapance
Coott T M	Carleton I lace, O.
Cl T C	· Dussen, 11.20
CITI T T DA (Victoria)	Idikel, O.
Tuesmall H F	· · · · I I di lioui Ci dice, -
Wilson T A K	Wandlick, O.
Wood, Ed. G	Lonsdeboro, O.
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The following gentlemen, 30 in number, have fulfilled all, the requirements to entitle them to the degree of M.D., C.M. from the University. These exercises consist in examinations, both written and oral, on the following subjects: Principles and Practice of Surgery, Theory and Practice of Medicine, Obstetrics and Diseases of Women and Children, Medical Jurisprudence and Hygiene,—and also Clinical Examinations in Medicine and Surgery conducted at the bedside in the Hospital:

Allan, Clarence E	East Farnham, Q.
Bowser, James C	
	North Bedeque, P.E.I.
Dearden, George A	Richmond, Q.
. Gardner, John J	
Gray, James	Brucefield, O.
Harrisson, Henry J	Moulinette, O.
	Chatham, O.
	Cookshire, Q.
	Farmersville, O.
Lathern, J. Simpson	Windsor, N.S.
	Sherbrooke, Q.
Martel, Ovide	Montreal, Q.
McLeod, Arch., B.A.	(McGill)Orwell, P.E.I.
MacNeill, Alex	West River, P.E.I.
MacLean, John W	Strathlorne, N.S.
McDonald, Alexander.	Paisley, O.
Muckey, F. S	Medford, Minn.
Phippen, Samuel S. C.	Parkhill, O.
Ross, Wm. K	Goderich, O.
Rutledge, And. J	Bayfield, O.
Scott, Walter McE	Winnipeg, Man.
Shaver, Wm. H	
Sihler, George A	Simcoe, O.
Stewart, Andrew	Howick, Q.
Struthers, Robt. B	Philipsburg, Q.
Wood, Edward S	Faribault, Minn.
	36 IT 1' 1 0''11 1

Of the above gentlemen Messrs. Hopkins and Sihler are under age and await their majority before receiving the degree. Mr. Stewart a native of this province, awaits the completion of four years from the date of Matriculation before receiving his degree.

# The following have passed in Practical Chemistry:-

Armitage, T. H. Aylen, P. Brown, W. D Campbell, A. W. Cattanach, W. C. Comstock, H. M. Corsan, D Crocket, W. C.	Dazé, H Elder, John. B.A. Graham, J. Gustin, Smith. Johnstone, H. V. Lynskey, N. T. McDonald, H. J. McMeekin, J. W.	McMillan, G. A. Owens, J. G. Palmer, G. F. Patterson, R. L. Raymond, J. H. Shibley, J. L. Wishart, D. A. G. B.A. White, W. W. B.A.
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# The following have passed in Chemistry:-

Aylen, Peter. Blackader, E. H. Brown, W. D. Crockett, W. C. B.A. Campbell, A. W. Carter, L. H	Corsan, Douglas. Dazé, Henri. Elder, John. B.A. Gustin, Smith. Kirkpatrick, R. C. Kennedy, R. A. Lynskey, N. T.	McMeekin, J. W. Palmer, G. F. Platt, A. T. Raymond, J. H. B.A. White, W. W. B.A. Wishart, D. A. G. B.A.
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# The following have passed in Anatomy:-

Armitage, J. H.	Craig, M. A.	McDonald, H. J.
	Dazé, H.	McMeekin, J. W.
Brown, W. D.		McMillan, A. D.
Cameron, D. A.	Doherty, W. W.	McMillan, G. A.
Carter, L. H.	Graham, J.	
Catanach, W. C.	Gustin, S.	Palmer, G. F.
Corsan, D.	Lynskey, N. T.	Patterson, R. L.
Corsan, D.	Platt. A. T.	

# The following have passed in Practical Anatomy:—

Corsan, D.	Fairbanks, C. E. McMillan, G. A.	McDonald, H. J.
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# The following have passed in Institutes of Medicine :-

Armitage, J. H.	Corsan, D.	Lynskey, N. T.
Brown, W. D.	Dazé, H.	McDonald, H. J.
Campbell, A. W.	Graham, J.	McMeekin, J. W.
Comstock, H. M.	Gustin, S.	Palmer, G. F.
	Sheriff G. R.	

# The following have passed in Materia Medica:-

, A. W.	Comstock, H. M. Dazé, H.
	, A. W. a, W. C.

Graham, J.
Gustin, S.
Johnstone, H. V.
Lynskey, N. T.

Mattice, J. S. McDonald, H. J. McMeekin, J. W. McPherson, D. T. McMillan, A. D. Palmer, G. F. Platt, A. T.

## The following have passed in Medical Jurisprudence:-

James L. Addison,
D. A. Cameron,
Jno. R. Church,
Sheldon E. Cook,
T. B. Davies,
W. W. Doherty,
L. A. Duncan

W. W. Doherty, J. A. Duncan, E. J. Elderkin, C. E. Gooding, G. A. Graham,
J. A. Hutchison,
J. H. Joliffe, B.A.,
Wyatt G. Johnston,
T. H. Landor,
J. P. McInerney,

Isaac N. McLean, B.A., W. M. Nelson, T. O'Brien, W. Porteous,
James Park,
W. Scott Renner,
G. B. Rowell,
I. C. Sharp,
H. E. Smythe,
E. H. Smith,
F. D. Walker,
S. F. Wilson, M.A.

## The following have passed in Hygiene:-

J. L. Addison,
J. A. Barrett,
D. A. Cameron,
S. E. Cook,
T. B. Davies,
J. A. Duncan,
J. Elder, B.A.,
E. J. Elderkin,
Chas. Fairbanks,
W. A. Ferguson, B.A.,
C. E. Gooding,
G. A. Graham,

S. Gustin,
J. A. Hutchison,
W. G. Johnston,
J. H. Jolliffe, B.A.,
T. H. Landor,
W. McClure, B.A.,
J. T. McKenzie,
J. N. McLean,
J. P. McInerney,
D. P. Merritt, B.A.,
W. M. Nelson,
T. O'Brien,

Wm. Porteous,
G. H. Raymond, B.A.,
W. S. Renner,
G. B. Rowell,
R. F. Ruttan, B.A.,
J. C. Sharp,
Ed. H. Smith,
H. E. Smyth,
F. D. Walker,
S. F. Wilson, M.A.,
D. A. G. Wishart, B.A.

#### FIRST YEAR.

## The following have passed in Physics:-

W. C. Bessey,
H. S. Birkett,
J. L. Clark,
I. L. Duffett,
D. McG. De Cow,
E. H. Earl,
T. M. Gardner,
J. H. Y. Grant,
J. B. Gibson,
G. J. Gladman,
J. L. Hague, B.A.,
P. H. Hughes,

T. J. Haythorne,
A. L. Howey,
J. A. Kinloch,
G. C. Lepage,
E. C. Leslie,
J. M. McKay,
T. G. McGannon,
W. J. McCuaig,
E. P. McCollum,
V. H. Morgan,
Alf. Poole,
L. F. Ross,

Alf. Raymond,
W. M. Rowat,
F. T. Robertson,
F. J. Seery,
A. J. Schmidt,
A. R. Turnbull,
P. H. Warneford,
A. N. Worthington,
F. J. White,

C. W. Wilson,
A. A. Young.

The following have passed in Histology:-

The following have passed in Botany:

	CLASS I.	
	Howey, Arthur L., Duffet, John L., Grant, J. H. Y.,	Robertson, T. D., Worthington, A. N.
	CLASS II.	
Leslie, A. C., McCollum, E. P., Warnford, P. H., Stephen, G. C., Turnbull, Russell, Birkett, H. S., Poole, Alfred,	Earl, Edgar H., Flagg, J. D., Raymond, Alfred, Hughes, P. H., Gladman, G. J., Morgan, V. H., Seery, F. J.,	Young, A. A., Sequal Gibson, Jas. B., Lepage, G. C.,
	CLASS III.	
Schmidt, A. F., De Cew, D. McG.,	Pilon, P. C., McCuaig, W. J.,	McGregor, J. G., Harte, J. H. M.,

Omitted in last Calendar. Burrows, T.

McGannon, T. G.,

Rowat, W. M.,

## MEDALS, PRIZES AND HONOURS.

Wishart, D.,

Schmidt, A. J.,

Bessey, W. C.,

McKay, E.

THE HOLMES GOLD MEDAL FOR THE BEST EXAMINATION IN THE PRIMARY AND FINAL BRANCHES was awarded to C. E. Cameron of Montreal.

THE PRIZE FOR THE BEST FINAL EXAMINATION was awarded to J. Brown Loring of Sherbrooke, Q.

THE PRIZE FOR THE BEST PRIMARY EXAMINATION was awarded to Edwin G. Wood, Lonsdeboro, O.

THE SUTHERLAND GOLD MEDAL was awarded to R. F. Ruttan B.A., Napanee, O.

The Morrice Scholarship in Physiology was awarded to R. F Ruttan, B.A., Napanee, O.

The following gentlemen, arranged in the order of merit, deserve honourable mention:

In the Primary Examination, R. F. Ruttan, B.A., W. A. Ferguson, B.A., J. H. Darey, B.A., F. G. Finley, H. E. Trapnell, H. T. Hurdman, T. A. D. Baird, F. N. Burrows, M. C. McGannon, and Fred. M. Harkin.

In the Final Examination Messrs. Struthers, Lathern, Bowser, Gray, Carruthers, Gardner, Henry, Scott and Johnson J. R.

### PROFESSORS' PRIZES.

BOTANY.—Prize, Chas. W. Wilson, Cumberland, O., and J. A. Kinloch, Montreal.

FOR THE BEST COLLECTION OF PLANTS.—H. E. Trapnell, Harbour Grace, Nfld.

PRACTICAL ANATOMY.—Demonstrator's Prize, 2nd year F. G. Finley, of Montreal; 1st year, .A L. Howey, Eden Ont.

MORBID ANATOMY.—James Gray of Brucefield, Ont., and C. E. Gooding of Barbadoes, W. I.

# Haculty of Medicine.

SUMMER SESSION.

1883.\*

The Eighth Summer Session of the Faculty of Medicine will begin on the 12th of April, and continue 12 weeks.

The Classes are chiefly practical and demonstrative, and are designed to supplement and extend the teaching of the regular Winter Session.

The records of qualifications of candidates for the degree show that a large majority of the senior students take either one or two Summer Sessions, and this is regarded by the Faculty as the best indication that the extension of its work in this direction meets a real want, and is duly appreciated.

For the past four Sessions there has been an attendance of between 40 and 50 students, including usually several from other schools, who are received on the same terms and have all the advantages of regular students.

The special advantages of attendance upon a Summer Session are:-

- (1) The benefit derived from the practical and demonstrative classes.
- (2) Dresserships and Clinical Clerkships are more easily obtained at the Hospitals, and the student has more time at his disposal to follow up the cases.
- (3) Cases of Midwifery are obtained in greater numbers at the Lying-in-Hospital.
- (4) Systematic study can be carried out more effectively than at home.

<sup>\*</sup> A similar session will be held in 1884.

The advantages offered by the city of Montreal for the practical study of Medicine and Surgery are unequalied in the Dominion. In the wards of the General Hospital there is always-and more particularly in the summer months, when navigation is opened-a large collection of interesting medical and surgical cases. In the out-door department there is a daily attendance of between 60 and 70 patients, which affords excellent instruction in Minor Surgery, routine medical practice, and Diseases of Children. The Eye and Ear Department will afford to the student an opportunity of studying practically, under skilled direction, these important branches. At the University Dispensary there will be Demonstrations on Gynæcology, on Diseases of Children, and on Diseases of the Skin.

Dresserships and Clinical Clerkships may be obtained on application to the Attending and Out-door Physicians.

The Faculty has much pleasure in announcing the following prospectus:

Clinical Instruction at Bedside.

Medical Clinic-Chiefly on Diseases of Heart and 1 Lungs. Weekly.

Surgical Clinic—Chiefly on Orthopædic cases. Weekly.

Clinic, General, at Montreal Dispensary. Wed- | Drs. MacDonnell and nesday and Saturday.

Genito-Urinary Surgery-A course of six Clinics on Diseases of the Bladder, Urethra, G. E. Fenwick, M.D. &c.

Diseases of Women.-Methods of examination and points for diagnosis; use of instruments; disorders of menstruation; leucorrhœa, its causal relations and treatment; pelvic cellulitis and peritonitis; lacerations of the cervix uteri and perineum; tumours of the uterus; displacements of the uterus; diseases of the ovaries.

The Urine-In Health and Disease; urinary deposits; chemical and microscopical characters; abnormal constituents; modes of analysis.

Practical Gynæcology-For senior students. ) D. C. McCallum, M.D., At University Dispensary. Thrice weekly.

Dr. Fenwick. Dr. Osler.

Geo. Ross, A.M., M.D.

T. G. Roddick, M.D.

Sutherland.

W. Gardner, M.D.

R. L. MacDonnell, B.A., M.D., M.R.C.S. Eng.

M.R.C.S. Eng W. Gardner, M.D. Practical Obstetrics-Instruction in the diagnosis of presentations and clinical management of cases, at Lying-in-Hospital.

A. A. Browne, B.A.,

Dr. Browne will give a series of demonstrations on the cadaver, with the fœtus, on the presentations, obstetrical operations, &c. The course will be conducted in the same manner as the celebrated practical obstetrical classes at the Vienna clinic.

> F. Buller, M.D., M.R.C.S. Eng.

Ophthalmic and Aural Surgery-Twelve Clinical Lectures on cases in the Theatre. Extra hours for Ophthalmoscopic work, and instruction in operations.

M.R.C.S. Eng.

Diseases of the Skin-Clinical Demonstrations, with remarks. Twice weekly, at University F. J. Shepherd, M.D., Dispensary, and one Clinic a week in the Theatre of the Hospital.

> F. J. Shepherd, M.D., M.R.C.S. Eng.

Minor Surgery-Including bandaging; application of splints; hæmostatics; catheterism, artificial respiration, &c.

> R. L. MacDonnell, B.A., M.D., M.R.C.S. Eng.

Prescriptions and Prescribing-Lessons in prescription writing and the art of prescribing; weights and measures; officinal and nonofficinal preparations; grammatical construction of prescriptions; dosage for adults and children; hypodermic medication; medicinal combinations; incompatibility. Weekly.

G. W. Major, B.A., M.D.

Diseases of the Throat-Method of examination; use of instruments; general Pathology and Therapeutics; acute, chronic, tubercular and syphilitic laryngitis; functional disorders; pharyngitis; tonsillitis and diseases of nose, pharynx and nasal cavities.

> A. D. Blackader, B.A., M.D., M.R.C.S. Eng.

Diseases of Children-Anatomical and physiological peculiarities of infancy, its hygiene and dietetics; methods of examining children; peculiarities of symptoms; diseases of the new born, of infancy and of childhood, with their therapeutics.

Special Clinic every Saturday at I p. m. during the Session, at the University Dispensary.

Morbid Anatomy—Consisting of twenty demonstrations in the autopsy room of the Hospital. Students will make the post-mortems in rotation, and receive instruction in the method of performing them, and keeping record of their observations.

William Osler, M.D., M.R.C.P. Lond

All students desirous of attending the above courses are expected to register their names with the Registrar within one week after the beginning of the Session, and to pay a fee of \$15, when a ticket will be issued admitting to the lectures, which ticket must be presented. Enregistration and payment of the fee are compulsory upon all students, whether attending one or more of the classes.

A printed certificate of attendance will be issued at the close of the Session.

The following courses will be also conducted during the summer, and may be taken by enregistered students:

Operative Surgery—A complete course of operations on the cadaver, including amputations excisions, ligations, etc. The students perform the operations in rotation; fee \$5, to cover cost of material.

F. J. Shepherd, M.D., M.R. C.S., Eng.

The Microscope in Medicine—A course of twenty-four lessons. Microscopes, reagents, and material provided. Fee \$15.

The Time Table will be issued on April 1st.

### XVII.

### SESSION 1882-83.

## STUDENTS IN MEDICINE.

Addison, James L., West Flamboro, O. Allan, James H. B., Montreal, Q. †Allen Clarence E., East Farnham, Q. Armitage, Joseph H., Newmarket, O. Arthur, Robert H., Brighton, O. Baird, Thomas A. D., Chesterfield, O. Bessey, Wm. C., Montreal, Q. Birkett, Herbert S. Hamilton, O. Blackader, Ed. H. P., Montreal, Q. Howser. James C., Kingston, N.B. Brown, W. D. H., Charlottetown, P.E.I. Burrows. Fred. N., Drayton, O. Cameron, Duncan A., Strathroy, O. †Cameron, Charles E., Montreal Q. Campbell, Arch. W., Ingersoll, O. Casselman, E., Morrisburg, O. Carter, Lucius H., Picton, O. †Carruthers, George, North Bedeque, P.E.I. Cassidy, George A., Goldstone, O. Cattenach, Walter C., Dalhousie Mills, O. Church, John R., Aylmer, Q. Clarke, H. J., Pembina, Dakota. Clarke, Hohn L., Waterloo, Q. Comstock, Harlow M., Lawrence, Mass. Cook, Sheldon E., Aultsville, O. Corsan, Douglass, Woodstock, O. Craig, Murdoch A., Glen Water, O. Crocket, W. C., B.A., Fredericton, N.B. Daly, Walter G., Ogdensburg, N.Y. Darey, J. Herbert, B.A., Montreal, Q. Davies, Thomas B., New Edinboro, O. Pazé, Henry, Montreal, Q. De Cow, Douglas McG., Dresden, Q. Dowros, Thomas B., New Edinboro, O. Dazé, Henry, Montreal, Q. De Cow, Douglas McG., Dresden, Q. Doherty, W. W., Kingston, N.B. Duffett, John L., Leeds, Q. Duncan, John A., Duncanville, O. Earl, Edgar H., Port Hope, O. Eberts. Duncan W., Chatham, O. Elder, John, B.A., Huntingdon, Q. Elderkin, Edwin J., Apple River, N.S. Fairbanks, Chas. S., Oshawa, O. Ferguson, W. A., B.A., Richibueto, N.B. Finley, Fred. G., Montreal, Q. Gladman, George J., Lindsay, O. Gooding, Charles E., Barbadoes, W.I. Graham, George A., Hamilton, O. Grant, G. C. J., Kingston, Jam. Grant, J. H. Y., Ottawa, O. Gray, J. E., Coldstream, O.

Groves, Wesley, Carp, O.
Gustin, Smith, London, O.
Hague, John L., B.A., Montreal, Q.
Hallett, Edmund O., Truro, N.S.
Hanna, A., Harlem, O.
Harvey, Chas. B. H., Cleveland, Ohio.
Harkin, Fred. M., Vankleek Hill, O.
Harrisson, H. J., Moulinette, O.
Hartey, J. H. M., Montreal, Q.
Haythorne, T. J., Charlottetown, P. E. I.
Henry, W. G., Chatham, O.
Hopkins Alfred, J., Cookshire, Q.
Howey, Arthur L., Eden, O.
Hughes, P. H., Strathroy, O.
Hurdman, Henry T., Aylmer, Q.
Hutchison, James A., Goderich, O.
Irvine, Robt. T., Carp, O.
Johnson, Henry D., Charlottetown, P. E.I.
†Johnson, J. R., Farmersville, O.
Johnson, Henry D., Charlottetown, P. E.I.
†Johnson, J. R., Farmersville, O.
Johnstone, Hedley V., Montreal, Q.
Johnstone, Hedley V., Montreal, Q.
Johnston, Wyatt G., Sherbrooke, Q.
Jolliffe, James H., B.A., Cincinnati Ohio
Kelly, Patrick N., Rochester, Minn.
Kennedy, Robt. A., Ottawa, O.
Kinloch, John A., Montreal, Q.
Kirkpatrick, Robt. C., Charlottetown, P. E.I.
Klock William H., Aylmer, Q.
Landor, Thomas H., London, O.
†Lathern, John S., Yarmouth, N.S.
LePage, Geo. C., Charlottetown, P. E.I.
Leslie, Arch. Charles, Watson's Corners, O
†Loring, J. B., Sherbrooke, Q,
Lynskey, Norman T., Winnipeg, Man.
†Martel, Ovide, Montreal, Q.
Mattice, James S., Messina, N.Y.
†Maher, James S., Messina, N.Y.
†Maher, James S., E., Albany, N.Y.
Mackay, James M., River John, N.S.
McCollum, Ed. P., Duart, O.
McGuannon Matthew C., Prescott, O.
McGuen, John W., Strathlorne, N.S.
McLean, John W., Strathlorne, N.S.
McLean, John W., Strathlorne, N.S.
McLelan, John

†McLeod, Archibald, B.A.. Orwell, P.E.I.
McMeekan, James W., Chesterfield, O.
McMillan, Allan D., Valleyfield, Q.
McMillan, Duncan L., Alexandria. O.
McMillan, Gilbert A., Dundee Centre, Q.
†McNeill, Alex., Alberton, P.E.I.
McPherson, D. T., M.D. (Vt.), Lancaster, O.
Menzies, John, Pembroke, O.
Menzies, John, Pembroke, O.
Morgan, Vincent H., Aultsville, O.
†Muckey. Floy S., Medford, Minn.
Nelson, W. M. F., Montreal, Q.
O'Brien, Timothy, Brudenell, O.
Osborne, Alex. B., Hamilton, O.
Owens, John G., Fredericton, N.B.
Palmer, Guy F. Ottawa, O.
Park, James. Newcastle, N. B.
Patterson, Richard L., Chatham, O.
Persons, C. E., M.D. (Mich.), Marshall,
Minn.
†Phippen, S. S. C., Parkhill, O.
Persons, C. E., St. Scholastique, Q.
Platt. Alfred T., Picton. O.
Poole, Alfred, Wakefield, Q.
Porteous, William, Pembroke, O.
Porter, James H., B.A., Kemptville, O.
Powell, Fred. H., Ottawa, O.
Raymond, Alf., Moulinette, O.
Raymond, G. H., B.A., Springfield, N.B.
Renner, W. Scott, Jordan Station, O.
Robertson, Arch. McD., Brockville, O.
Robertson, Francis D., Lennoxville, Q.
Ross, L. F., B.A., Montreal, Q.
†Ross, William K., Goderich, O.
Rowell, George B., Abbottsford, Q.

tRutledge And. J., Bayfield, O.
Ruttan, Robert F., B. A., Napanee, O.
Seery, F. J., Fredericton, N. B.
Schmidt, Andrew J., Faribault, Minn.
Schmidt, Angustus F., Montreal, Q.
Scott. John M., Carlton Place, O.
Scott, Walter McE., Winnipeg, Man.
Shaver, W. H., Wales, O.
Sharp, I. C., Sussex, N.B.
Shibley, John L., B. A., Yarker, O.
Shirriff, George R., Huntingdon, Q.
Sihler, George A., Simcoe, Q.
Smith, Edwin H., Prescott, O.
Smith, W. A., Montreal, Q.
Smith, Edwin H., Prescott, O.
Smith, W. A., Montreal, Q.
Stewart, Andrew, Howick, Q.
Stewart, Andrew, Howick, Q.
Stewart, Andrew, Howick, Q.
Struthers, Robert B., Phillipsburg, Q.
Trapnell, Hugh E., Harbor Grace, Nfid.
Tupper, Freeman, Milton, N.S.
Turnbull, A. Russell, Russell, O.
Walker, Felix D., Launching, P.E.I.
Warneford, Percy H., Norton, N.B.
Welton, H. H., B.A., Wolfville, N.S.
White, Walter W., B.A., St. John, N.B.
White, F. J., Green's Pond, Nfld.
Wilson, Chas. W., Cumberland, O.
Wilson, S. F., M.A., Springfield, N.B.
Willson, James A. C., Manotick, O.
Willson, James A. C., Manotick, O.
Williams, James F., Barric, O.
Wishart, D. J. G., B. A., Madoc, O.
Wood, Edwin G., Londesboro, O.
Worthington, A. Norreys, Sherbrooke, Q.
Young, J.H., Almonte, O.

### XVIII.

# LIST OF THE PRIZE-MEN AND MEDALLISTS IN THE MEDICAL FACULTY.

In 1855 the examinations were divided into Primary and Final, and Prizes were established for the best Thesis and for the best examinations in the Primary and Final Branches.

In 1865 the Holmes Gold Medal was established in honour of Dr. Holmes, and is given for the best examination in both Primary and Final Branches.

The following is the list with the present addresses of the recipients:

1854. For General Proficiency.—1st Prize.—Robt. Craik, Montreal. 2nd Prize.—Thomas Simpson, Montreal.

1855. Thesis.—James McG. Stevenson, Bryanston, Ont.

Final Examination.—James McG. Stevenson, Bryanston, Ont.

Primary Examination.—Walter J. Henry.\*

1856. Thesis.—Walter James Henry,\* and W. J. Jones, Prescott, O. Final Examination.—E. Laberge, Ste. Philomène, Q. Primary Examination.—Levi R. Church, Montreal, Q.

1857. Thesis.—Levi R. Church, Montreal, and D. T. Robertson, Lennoxville, Q. Final Examination.—Levi R. Church, Montreal, Q. Primary Examination.—James Kerr.\*

1858. Thesis.—Timothy F. English\* and W. H. Taylor, Peterboro, O. Final Examination.—Wm. Harkin.\* Primary Examination.—Jas. J. O'Dea, Stapleton, Staten Island, N.Y. 1859. Thesis.—Edward W. Smith.\*

Final Examination.—James J. O'Dea, Stapleton, Staten Island, New York.

Primary Examination. - Henry Warren.\*

1860. Thesis.—J. W. Pickup, Brockville, O.

Final Examination.—Henry Warren.\*

Primary Examination.—Joseph M. Drake, Montreal, Q., and Fred.

Sutherland.\*

1861. Thesis.—Joseph M. Drake, Montreal; F. J. Austin, Sherbrooke, Q., and D. L. Philip, Brantford, O.

Final Examination.—Joseph M. Drake, Montreal, Q.

Primary Examination —Thomas C. Walton.

1862. Thesis.—R. M. Bucke, London, O.

Final Examination.—John A. Stewart.\*

Primary Examination.—John J. Marston, U. S. Army.

1863. Thesis.—Wm. C. Gustin, Detroit, Mich.

Final Examination.—J. J. Marston, U. S. Army.

Primary Examination.—R. A. Kennedy, Montreal, Q., and Peter A.

McDougall, Ottawa, and C. F. Bullen.\*

1864. Thesis.—W. W. Squire.\*

Final Examination.—D. Howard Harrison, St. Mary's, O. Primary Examination.—Kenneth Reid,\* New York.

1865. Holmes Gold Medal.—E. P. Hurd, Newburyport, Mass.

Final Examination.—H. L. Vercoe, Egmondville, O.

Primary Examination.—George Ross, Montreal, and W. Gardner,

Montreal.

1866. Holmes Medallist.—George Ross, M.A., Montreal, Q.

Final Examination.—William Gardner, Montreal, Q.

Primary Examination.—Clinton W. Kelly, Louisville, Ky.

1867. Holmes Medallist.—Clinton W. Kelly, Louisville, Ky.

Final Examination.—C. W. Kelly, Louisville, Ky.

Primary Examination.—Wm. Henry Paterson.\*

1868. Holmes Medallist.—T. G. Roddick, Montreal, Q.
Final Examination.—T. G. Roddick, Montreal, Q.
Primary Examination.—Andrew Harkness, New Lancaster, O.

1869. Holmes Medallist.—T. D. Lucus.\*

Final Examination.—Andrew Harkness, New Lancaster, O.

Primary Examination.—Alexander A. Henderson, Ottawa, O.

1870. Holmes Medallist.—A. A. Henderson, Ottawa, O. Final Examination.—O. H. E. Clarke, Cohoes, Vt. Primary Examination.—J. H. Mathieson, St. Mary's, O.

1871. Holmes Medallist.—J. H. Mathieson, St. Mary's, O.
Final Examination.—H. P. Wright, Ottawa, O.
Primary Examination.—Thomas Kelly, Durham, O.

1872. Holmes Medallist.—Hamilton Allan, Oconto, Wis.

Final Examination.—G. A. Stark, Milwaukee.

Primary Examination.—F. J. Shepherd, Montreal.

Special Prize for Thesis.—W. Osler, Montreal.

1873. Holmes Medallist.— Thomas Kelly, Durham, O. Final Examination.—D. A. Alguire, Cornwall, Ont. Primary Examination.—J. D. Cline, B.A.\*

1874. Holmes Medallist.—J. D. Cline, B.A.\*

Final Examination.—J. C. Cameron, Montreal.

Primary Examination.—Simon J. Tunstall, B.A., Lytton, B.C.

1875. Holmes Medallist.—S. J. Tunstall, B.A., Lytton, B.C.
Final Examination.—J. B. Benson, Chatham, N.B.
Primary Examination.—C. S. Murray, B.A.\*

1876. Holmes Medallist.—Robt. H. W. Powell, Ottawa. Final Examination.—Chas. Murray, B.A. Primary Examination.—Alex. C. Fraser, Manitowoc, Wis. Special Prize for Thesis.—R. L. MacDonnell, B.A., Montreal.

1877.—Holmes Medallist.—James Bell, Montreal, Q. Final Examination.—W. D. Oakley, London, Eng., Montreal. Primary Examination.—H. N. Vineberg, Portage La Prairie, Man.

1878. Holmes Medallist.—H. N. Vineberg, Portage La Prairie, Man. Final Examination.—T. W. Mills, M.A., Montreal. Primary Examination.—W. R. Sutherland, Montreal, Q. Sutherland Gold Medal.—J. M. Lefebvre, Brockville, O.

1879. Holmes Medallist.—J. B. Lawford, London, Eng. Final Examination.—A. W. Imrie, Detroit. Primary Examination.—J. A. McDonald, Montreal. Sutherland Gold Medal.—W. L. Grey, Pembroke, O.

1880. Holmes Medallist.—J. A. McDonald, Montreal. Final Examination.—H. B. Small, Ottawa. Primary Examination.—James Ross, B.A., Dundas, O. Sutherland Gold Medal.—H. W. Thornton, B.A., Montreal.

1881. Holmes Medallist.—James Ross, B.A., Dundas, O. Final Examination.—John W. Ross, Cohoes, N.Y. Primary Examination.—R. J. B. Howard, B.A., Montreal. Sulherland Gold Medal.—C. E. Cameron, Montreal.

1882. Holmes Medallist.—R. J. B. Howard, B.A., Montreal, Q. Final Examination.—Henry V. Ogden, B.A., Milwaukee. Primary Examination.—George A. Graham, Hamilton, Q. Sutherland Gold Medal.—Wyatt, G. Johnston, Sherbrooke, Q. Morrice Scholar.—Wyatt, G. Johnston, Sherbrooke, Q.

1883. Holmes Medallist.—C. E. Cameron, Montreal.

Final Examination.—I. B. Loring, Sherbrooke, Q.

Primary Examination.—Ed. G. Wood, Londesboro, O.

Sutherland Gold Medal.—R. F. Ruttan, B.A., Napanee, O.

Morrice Scholar . R. F. Ruttan, B.A., Napanee, O.

## DOCTORS OF MEDICINE.

* Adaptic Tohn 1866	Brodeur, Alphonse,
* Adsetts, John. Alexander, Robert A., Alguire, Duncan O., Allard, Emery. Grimsby, O 1871 Cornwall, O 1873 Belœil, Q 1866	Brodie, John, Honolulu, Sdwh Isl 1877 Brodie, John, Honolulu, Sdwh Isl 1877
Alexander, Robert A., Cornwall O 1873	Brooks, Samuel T., St Johnsbury, vo 1881
Alguire, Duncan U., Belgil O 1866	
Allard, Emery,	Brouse, Jacob E., Brockville, O 1861
† Allan, Hamilton, Uconto, Wis 1812	Brossard, J. B. J., Laprairie, Q 1875
Alguire, Duncan O., Allard, Emery, † Allan, Hamilton, Allen, C. E., Alloway, Thomas Johnson, Allan, Man, Mod. Dept. Indian	Brouse, Jacob E., Brosard, J. B. J., Laprairie, Q 1875 Melbourne, Q 1881 Plattsville, O 1879 Plattsville, O 1879
Alloway, Thomas Johnson, Montreal 1000	Brown, J. L., Plattsville, O 1879
Anderson, Alex., Med. Dept. Indian Army 1866	
	Brown, Peter E., Ste Amberger, Q. 1863 Brown, Harry, 405 W. Washington St, Chicago 1873
*Anderson, John C., 1865 Archer, Ths., Wandsworth, Eng 1869 Orillia, O 1869	Brown Harry 405 W. Washington St,
Archer, Ths., Wandsworth, Eng 1803	Chicago 1873
Ardagh, Johnson,	Brown, Chs. O., Barnston, Q 1882 Browne, Arthur A., B.A., Montreal 1872 Sorel, Q 1853
Armstrong, Geo. E., Montreal 1877	Browns Arthur A. B.A., Montreal 1872
*Arnoldi. Daillei Dolli	Bruneau, Adolphe, Sorel, Q 1853
Atkinson Koperi.	*Bruneau, Olivier T. [Hon], 1843
Ault, Alexander, Ochkosh, Wis 1860	*Brungan Onésime 1851
Ault. Charles, Montreal 1000	*Bruneau, Onésime, Bryson, William G., Fenelon Falls, O 1867
*Ault, James F., Ault, Edwin D., Aultsville, 0 1868	Bucke, Richard Maurice, London, O 1862
*Ault, James F., Ault, Edwin D., Austin, Fred. John, Ayer, N., M.A., Aylen, John. Aylen, John. Aylen, John. Aylen, John.	*Bucke, Edward H.,
Austin, Fred. John, Sherbrooke, Q 1862	
Aver. N., M.A., Sackville, N.B 1880	*Buckley William P. Prescott. O 1870
Aylen, John, Aylen, James, Backhouse, J. B., Backhouse, J. Staff Suggest Maj	Buckley, William P., Prescott. O 1870 Bull, George J., Colorado Springs, Col 1869
Aylen, James, Aylmer, Q 1863	*Bullon Charles E 1864
Backhouse, J. B., Braidwood, Ill 1870	*Bullen, Charles F., Buller, Frank, Montreal 1879
Backhouse, J. B., Braidwood, Ill 1870 Bain, D. S. E., Staff Surgeon Maj. 1868 Bain, Hugh U., Rat Portage, Man 1875	Buller, Frank, Burgess, J. A., Listowell, O 1868
Bain, D. S. E., Stall Suggoon May 1875 Bain Hugh U., Baird, James G., Baker, Albert, Barclay, George, Pakenham, O 1870 Dawlish-Devon, 1848 Parkhill, O 1870	Burgess, J. A., Listowell, O 1866 Burch, B. F., Walla Walla, Walsh Ter 1866
Baird, James G., Pakenham, O 1870	Buren, B. F., Walla Walla, Walla, 1863
Baker, Alpert, Dawlish-Devon, 1848	Burland, Samuel C., Chester, Penn 1877
Barclay, George, Parkhill, O 1870	Burland, Samuel C., Chester, Tenn 1872
WDamatan Tamos [ad aun] 1806	Burland, William D.,
Battersby, Charles, Port Dover, O 1861	Burland, William H., Mineville, N Y 1882
Battersby, Charles, Port Dover. O 1861 Baynes, Donald, M.A., Canterbury, Eng 1876	Burland, John H., Burland, Samuel C., Burland, William B., Burland, William H., Burland, Benj. W., Burrows, Philip P., Lindsay, O 1866
Eng 1876	Burrows, Philip P., Lindsay, O 1866 *Burnham, R bert Wilkins, 1860
Baynes, Geo Aylmer, Winnipeg, Man 1869	*Burnnain, it bert wilkins,
Beatty I) Richmond, Carre. Co., C	"Dullis, Alliedo.,
	*Butler George C. 1865
Beckstead, M., Lisbon, St Law Co. N Y 1878 †Bell, James Montreal 1877	*Butler, George C., Butler, Billa F. Stirling, O 1879
†Bell, James Montreal 101	*Dunton John N 1849
*Bell, John, M.A., Bell, Robert, C.E., Bell, Robert W.,  Peterboro, O 1873	Buxton, John M.,
Bell, Robert, C.E., Ottawa 1878	Cahalan, James, Wyandotte, Mich 1880 †Cameron, Chas. E., Montreal 1883 Cameron, Paul, Alexandria, O 1881 Cameron, Duncan H, Emerson, Man 1877 Cameron, John D. Montreal 1874 Cameron, John D. Norway, Mich 1878
Bell, Robert W., Peterboro, O 1873	Cameron, Chas. E.,
Belleau, Alfred, Quebec 1902	Cameron, Puncen H Emerson Man 1877
*Bergeron, Joseph,	Comoron James C Montreal 1874
Bergin, Darby, Cornwall, O 104	Cameron, John D., Norway, Mich 1878
Bessey, William E., Montreal 1863	Cameron, John D., Norway, Mich 1868
Bender, Prosper, Boston, Mass 1867	*Campbell, Donald Peter, 1862 Campbell, Francis Wayland, Montreal 1860 *Campbell, G. W., M.A. [ad eun], 1843
Benson, Joseph B., Chatham, 17 D 101	*Compbell G W M A [ad eun]. 1843
*Bibaud, Jean G.,	
*Bibaud, Jean G., Blackader, Alex. D., B.A., Montreal 187.	*Campbell Samuel. 1866
Blacklock John J. Chesterville, O 100	Cassouth O 1860
*Blanchet, J. B.,	Campbell, Lorne, London, Eng 1882
Blair, Robt. C., Three Rivers, Q 186.	Cannon, Gilbert, Almonte, O 1877
*Bligh, John W., Bogart, Irvine D., Mene, O 185	January Cong
Bogart, Irvine D., Mene, O 185	Carmichael, D. A., Mar. Hosp. Serv, Pittsburg, Pa 1873
*Bomberry, Geo. E.,	
*Bomberry, Geo. E., Bonesteel, S. A., Colombus, Neb 188	1 0000000000000000000000000000000000000
Boulter, George H., Stirling, O 189	Carman, John B., Detroit, Minn 1879
Bowser, J. C., Kingston, N B 188 *Boyer, Louis, 184	Carman, John B., Detroit, Minn 1879 Cassidy, David M., Med. Supt. County
*Boyer, Louis,	Asylum, Lancaster, Eng 1867
*Boylan, Andrew A.,	
Boyle, Albert D., Carbonear, Nnd 187  *Bowman, William E., 186  Bower, Silas J., Waddington, N Y 186  *Bredley William 186	%Carroll Robert W. W. 1859
*Bowman, William E.,	Carrubers, Geo., North Bedeque, PEI 1883
Bower, Silas J., Waddington, N Y 186	Carson J. H. Lake Park, Minn 1881
Diadioy, Williams,	*Carson Augustus 1843
-Diamwaito, Flancis II.,	*Carson, Augustus, Carter, Samuel A., Meadow Vale, O 1859
Brandon, John, Breslin, William I.,  Ancaster, O 186 46th Regiment 18	Case W. Hermanus. Hamilton, O 1879
Breslin, William I., Brigham, Josiah S., Philipsburg, Q 18	
Brigham, Josiah S., Philipsburg, Q 18	Gasgrain, Charles E., Windsor, O 1851
Directto Honor P Lowell Mass 18	48 Casgrain, Charles E., Windsor, O 1001
Brissette, Henry R., Lowell, Mass 18	Cattanach, Andrew J., Denver, Col 1871
Brissette, Henry R., Lowell, Mass 18 Bristol, Amos S., Napanee, O 18	Cattanach, Andrew J., Denver, Col 1871

Cattanach, Angus M., Dalhousie	1 Daws	on R RA	W:	
Willa O 10	B2 Dear	on, R., B.A. den, G. A., se, Peter War	y Winnipeg, Ma St. Paul, N	an 1882
Chagnon, Vincelaus G. B., Fall River,	*Deas	se, Peter War	ren,	1847
*Chaliner, Francis, Cherry, William, *Chesley, George Ashbold, Chevalier, Gusfaye.  Redford, O. 1.	DeBo	onald, C. S.,	Berthier en haut, charles B., Queb , Roxton Falls, , Stirling Rockland,	Q 1862
Cherry, William, Toledo, Ohio 18	39 DeGr	oshois T R	Boyton Falls	ec 1843
*Chesley, George Ashbold,	32 Demo	rest, B. G. G	Stirling	Q 1868
Chevalier, Gustave, Bedford, Q It Chevalier, Napoleon E., Lewiston, Me It Chipman, C. J. H., B.A., Prescott, O It *Chipman, D. Alexandria O It *Chipholm Alexandria O It *Chip	30 Derby	orest, B. G. G. G. W. J., aulniers, Antoelles, Charles ee, G. O., George.	Rockland	0 1882
Chipman C. J. H. B. A. Present C. 1	3 *Desa	ulniers, Ante	oine A.,	1863
*Chisholm, Alex., Alexandria O 18	8 Dibbl	elles, Charles	5 D.,	1941
Chisholm, Murdoch, Bay Roberts, Nfid 18	9 *Dice	, George,	Moore's Mills, N	B 1880
"Chisholm, Alex., Alexandria, O is Christie, George H., Christie, John B., Pelaluma, Son	2 *Dick	James R.		1864 1842
	Dicki		S., Cornwall,	0 1846
Christie, Thomas, Lachute, Q 18	5 *Dick	inson, George inson, George con, William V, F. Winniet I, John, elly, C. H., on, Severe, and Enoch G	е,	1868
Christie, John H., B.A., 833 W 22nd St,	Digh	F Winniet	W., Pembroke,	0 1863
	5 *Dode	i. John.	t, Brantford,	0 1863
Christie, Edmund, Chicago 18	2 Donn	elly, C. H.,	Waresville, Tex	1864
Church Clarence P.	2 *Dori	on, Severe,	, 104	1843
Church, Coller M. Ottawa 18	8 *Dorl		*,	1850
Church, Coller M., Church, F. W., Church, Levi R., Church, Mills K., Montreal 18	Dong	and, James, an, William,	Milwaukee, W	is 1875
Church, Levi R., Montreal 18	7 Doug	lass, James	St. Catharines,	
Church, Levi R., Montreal 18 Church, Mills K., Pierrepont Man or,  *Church Peter H	Dow	ing, John F.	Egansville,	0 1875
*Church Peter H	4 Drake	ing, John F., e, Joseph M.,	Montre	al 1861
*Church, Peter H., Clarke, Octavius H. E., Clarke, Wallace, B.A., Clark, Richard A., Oakville 0 18	0 *Dubu	c, Charlemagn		al 1864
Clarke, Wallace, B.A., Utica, NY 18	1   Ducke	ett. William	A Montus	1853
Clark, Richard A., Oakville, O 18	0 Dufor	t, Thadee A.	A., Montres	11 1859
Clark, F. G. B., Fordwych Rd. Kilburn	Duhar	nel, Louis,	, St Sebastian, Hull,	Q 1860
Clemesha, John W., Port Hope, O 18	Dunca	n, George, Fa	areham, Hants, En	g 1866
Clement, Victor A., St. Guillaume, O 18	6 Dunca	in, Gideon M.	Hull, or archam, Hants, En Bathurst, N I London, En Surg, Mag Arm	B 1871
* Cline, John D., B.A.,	4 Dunca	in, George C.	Sura Mag Arm	g 1875
Clement, Victor A., St. Guillaume, Q 18 * (Cline, John D., B A., Cluness, Daniel, Codd, Alfred, Winnipeg, Man 18	Dune	an, John, an, W. T., p, H. A., i, William Os	Surg. Mag. Arm	y 1858 1871
	Dunca	n, W. T.,	Fergus Falls, Min	n 1882
Collison, R., Norfolk, St. Law Co. N V 18	9 Dunio	p, H. A.,	Crookston, Min	n 1882
Colquidum, George, Iroquois, O 18	Dunsn	nore, John M	Car,	1843
Comeau, John B., St David, Q 18	Dupui	s, Joseph B	Clarenceville (	0 1856
Cook, Guy R., B.A., Louisville, N Y 187 Cook, Hermon L., Napanee, O 188	Eastor	, John, Harry A.,	Brockville, (Kansas City, M.	0 1852
Cooke, Charles H., Napanee, O 186	Eberle	Harry A.,	Kansas City M.	A 1076
Cook, Hermon L., Cooke, Charles H., Cooke, Sidney P., Cooke, W.H., Concloyd William I. Concloyd William I.	Edwar	ds. J. S		
Cooke, W. H., Wolfston, Q 187	Edwar	ds, Oliver C. C	London, (Qu'Appelle, N. W.T	1879
	Elkint	on, A. G.,	Surg. Maj. Gren	. 1010
*Corbett, A. P. M., Corbett, William H., Brig. Surg. Army	Elliann	C D		
Med Dept. 185	Emery	Gordon I	268 W 43rd St., N Minneapolis, Minn	1873
Corlis, Josiah, St Thomas, O 186	*Engli	sh. T. F.	Minneapons, Mini	1857
Cormack, Wm., Morristown, O 188	*Erski	ne, John,		1860
*Corsan, John, Cotton, C. L., Cowansville, Q 187	Ethier,	ne, John, Calixte, Griffith,	St Eugene, G	1867
Cousins, W. C., Ottawa, O 188	Evans,	Grimth,	Vet Dept, Army	1 1001
*Cowley, Thomas McJ., 187	Ewing.	William,	Woolwich, Eng	1864
Grandy, Q 188	Falkne	r, Alexander	Hawkesbury, C. Lancaster, C. Wakefield, Q. Princeton, O.	1866
Cox, Frank, Charlottetown, P E I 186	Falls, S	samuel K	Wakefield, Q	1875
Coyle, Henry W., Craig, Thornton, Sorel, Q 187 Capay, Cal 187	Farewe	ell, G. McGill	Princeton, O Oshawa, O emont Centre Mich	1872
Craik, Robert, Montreal 185	Farley	James T. Fr	Oshawa, O	1868
Cram, Daniel C. Lawrence, Kan 187			belleville.	1873
*Crawford, James [ad eun], 185		er. George W	Stirling, C	1871
Crichten, Stuart, Sonora, Cal 186 Crothers, William, Stanbridge, Q 187 *Culvers Joseph B	Faulku	er, D. W., H. C.,	7., Stirling, C Foxboro, C Chicago, Ill	1878
Crothers, William, Stanbridge, Q 187. *Culvers, Joseph B.,	Fenwi	k, George E.	Chicago, Ill	1881
*Cunvnghame W. C. Thurlow 185	Fergus	son, A. A.	Montreal Franklin Centre, O	1864
Cutter, Frederick A., Sutton, Q 187	Fergus	son, Alex. R.	ranklin Centre, Q, Dalhousie Mills	, 2002
Daly, Guy D. F., *Dansereau, Charles, 184	the west document		0	1866
Dansereau, Charles, 184 Dansereau, Charles, 186	Fielde,	E. C., son, John,	Prescott, O	
*Dansereau, Pierre, 1833	Finnie,	John T.	Montreal, Q	1834
D'Avignon, F. F., Leadville, Col 1871	*Fisher	, John,	arontoni, d	1847

1866 1865 | \*Hall James B., \*Fitzgerald, James,
Fortier, Louis A.,
Fortin, Pierre,
Fortune, Lewis M.,
Foster, Stephen Sewell,
Fraleigh, William S.,
Fraser, Alex. C.,
\*Fraser, William,
Fraser Donald M.,
Fraser Donald.

\*Fraser Donald.

St David, Q 1878
Montreal 1845

Gananoque, O 1869
Perth, O 1881
Perth, O 1881
Stratford O 1869
Chicago, Ill 1868 \*Fitzgerald, James, \*Hall, J.W.,
Halliday, James T.,
Peterboro, O 1865
\*Hamilton, Andrew W.,
Hamilton, Charles S., Demorestville, O 1871
\*Stratford, O 1871 Hamilton, John R, \*Hamilton, Rufus F., 1861 Murray Bay, Q 1856 Hamel, Joseph A., Hammond, J. H., Montreal 1869 Hammond, J. H., Hanna, Franklin, Hanover, William, Harvey, C. J. B., Hart, F. W., Harvie, J. B., Harvey, Wm. A., \*Harding, F. W., Harkin, Henry, \*Harkin, William Lansdowne, O 1879 Seaforth, O 1875 Yale, B C 1883 Fraser Donald M.,
Fraser, Donald,
Fraser, J. R.,
Freeman, C. M.,
Fruller, W.,
Fuller, H. LeRoy, B.A., Sweetsburg, Q 1870
Fulton, James H., St. Martinville, La 1835 Troy, N Y 1881 Harriston, O 1874 1868 Montreal, O 1867 Vankleek Hill, O 1858 \*Harkin, William, Harkness, John, Dickson's Corners, O 1862 Bad Axe, Mich 1882 Gale, Hugh, \*darvey, Joseph, Gardner, H. H., Gardner, John J., Gardner, Matthew, Gardner, William, Harkness, John, Dickson's Corners, O Harkness, Andrew, New Lancaster, O Harrison, David H., Harrisson, H. J., Hart, George C., Hannington, E. B. C., San Francisco, Cal 1878 Montreal, Q 1883 Sacramento, Cal 1871 Hart, George C., Hannington. E. B. C., Hayes, James, Heard, C. De W., Montreal 1867 1861 \*Gascoigne, Geo. E., Simcoe, O 1866 Hamilton, O 1873 Gaviller, Edwin A., Charlottetown, PEI 1880 Whitehall, NY 1873 \*Gauvreau, Elzear \*Gauvreau, Lewis H., Gendron, Thomas. Gernon, George W., Hebert, P. Zotique †Henderson Alex. A., Ottawa, Ottawa, Henderson, E. G., \*Henderson, Peter, A.M., \*Henderson, andrew. Calgary, N.W. Hebert, P. Zotique St. Raymond, Q 1866 Marieville, Q 1872 Ottawa, O 1870 1874 1846 1848 \*Gibb, George D., \*Gibson, John B., Cowansville, Q 1855 Gibson, W. B., Dunham, Q 1878 \*Gibson, Edward B., Sherbrooke, Q 1875 Gilbert, Henry L., Gillis, John, A.F., Summerside, P. E. I 1877 Henderson, Peter, A.M., Henderson, andrew. Co. \*Henry, Walter, [Hon.] \*Henry, Walter J., Henry, Wm. G., Henvey, Jonas J., \*Hervey, Jonas J., 1880 1856 Montreal, Q, 1883 Brantford, O 1879 Teeswater, O 1867 Modesta, Cal 1868 1866 Gillies, John, Gilmour, Angus A.,

\*Giroux, Philippe,

Girdwood, Gilbert P.,

Glen, C. W. E.,

Godfrey, Abraham C. Hatley, Q 1872 Buffalo, N Y 1881 Hethrington, Harry, Heyd, H. E., Hickey Charles E, Hickey, Samuel A., B.A., Aultsville, O 1874 Higginson, H. A., Portage la Prairie, Man 1881 1859 Montreal 1869 Chambly, Q 1858 Montreal 1844 Godfrey, Robert, Godfrey, Abraham C., Freemantie, Southampton, Eng 1865 1875 Man 1881 Woonsocket, R I 1873 Hils, Joseph, Hingston, W. H., Hockridge, Thos. G., \*Holden, Rufus, Holwell, John. Ki \*Goodhue, P. J., Goforth, Franklin, Runcorn, Ches. Eng 1863 Gordon, C. M., Minneapolis, Min 1881 Montreal 1851 London, Eng 1874 Arlington, Ill 1868 Gordon, Robert, Kingston, Jamaica 1868 \*Gordon W. W., Graham. Charles E., \*Holmes, Andrew F., [ad eun] 1843
Hopkins, Alf. J.,
Houston, D. W.,
Howard, R. J.,
Howard, R. Palmer,
Howard, R. Palmer,
Howard, R. De, B. A.,
Howten, Robert T.,
Howitt, Wm. H.,
Howlitt, Wm. H.,
Howlitt, Wm. H.,
Howlitt, E. Augustus,
Hulbert, E. Augustus,
Hulme, William L.,
\*Howlin Robert Market \*Holmes, Andrew F., [ad eun] Hull, Q 1865 1863 \*Graham Henry. Ottawa, O 1875 Graham, Kenneth D., Woodbridge, O 1863 Grant, Donald J., Ottawa 1854 Grant, James A., Ottawa 1854 Ottawa, O 1882 Perth. O 1867 Winnipeg, Man 1876 Brigus, Nfid 1879 Grant, Jas. A., B.A., Grant, William, Gray, John S., Gray, Thomas, Gray James Montreal, O 1883 Gray, James, Gray, W. L., Greaves, Henry C., Pembroke, O 1881 Barbadoes 1877 Greenwood, F. S., St. Catharines, C. Greer, T. A., C. SS. Minia, Halifax, St. Catharines, O 1878 \*Hunt, J. J., Hunt, Henry, Williamstown, N S 1876 Grenier, L. P. A.
Groves. George H.,
Guerin, James J. E.,
Guest Thomas F.,
Gun, James.
Gund, David F.,
Guetin, William Clevid,
Gund, David F.,
Guetin, William Clevid,
Gund, David F.,
Guetin, William Clevid,
Gund, David F., Surg. Maj. Army. Med Dept. 1869 Hunt, J. H., Hunt, Lewis G., B.A., Sheffield, Eng 1871
†Hurd, Ed. P., Newburyport, Mass 1865
Hurdman, Benj. F. W., Aylmer. Q 1882
Hurlbert, George W., Hurlbert, Richard W., Brucefield, O 1873
Hutchinson, John A., Bluevale, O 1873 Gurd, David F., Gustin, William Claud, Detroit, Mich 1863 Hagarty Dan, M. J., Portage la Prairie, Manitoba 1866 Hutchinson, John A., Imrie, A. W., Detroit Mich 1879 Dundas, O 1880 1848 Inksetter, D. G., \*Hall, Archibald, [ad eun]

LINE TO THE PROPERTY OF THE PROPERTY OF THE PARTY OF THE

Irvine, James C., Liverpool, Eng 1866	Longley Edmund
Irwin, J. L., Chicago 1879	Longley, Edmund,
Ives, Eli. Coaticook O 1863	Loring J. Brown
*Jackson, A. T., 1846	Loring, J. Brown, *Loupret, Andre,
*Jackson, A. T., 1846 Jackson, Wm. Fred., Brockville, O 1873 Jackson, Joseph A., Manchester, N H 1879	
Jackson, Joseph A., Manchester, N H 1879	Loverin Nelson Russell, O 1870
Jamieson, Alex., B.A., Kansas City, Mo 1877 Jamieson, Thos. A., Fort Covington N Y 1875	Lovett, William, Montreal, 1855
Jamieson Thos. A. Fort Covington N V 1875	t*I neas T Diagram Ayr, O 1876
	†*Lucas, T. D'arey 1866 Lunam, H., B.A., Campbellton, N.B. 1881 Lundy, E. L., Surg Mei America
Johnson, James B., London, Eng 1876	Lundy E. B.A., Campbellton, N.B. 1881
Johnson, J. C., Surg. Maj. Army 1867	Tefand Ci Suig. Biaj. Army 1862
Johnson, James B., Johnson, J. C., Johnson, J. C., Johnson, J. R., Johnston, Thomas G., Sarnia, O 1871	Lyon Arthur, Minneapolis, Minn 1879
Johnston, Thomas G., Sarnia, O 1871	Lyon, Arthur. Showwille O 1004
Jones Charles R. Hatlay O 1974	Maas, Rudolph J., Chicago, Ill 1880
Jones, Charles R., Jones, George N., Burlington, Iowa 1874	MacDarmid John D., 1847
Jones, Charles R., Jones, George N., *Jones, Thomas W., [ad eun] 1854	Maas, Rudolph J., *MacDia mid John D., MacDonald, Angus, *Macdonald, Colin, Macdonald, Colin, Macdonald, P. P. 183
*Jones, Thomas W., [ad eun] 1854	Macdonald, Colin, 1853
*Jones, Jonathan C., Jones, Wm Justus, Prescott, O 1865 Jones, H. J. M., Wabash Av. Chicago 1873 Josephs, G. E., Kearnev, Wm. J.	
Jones H I M Wabach Av Chicago 1079	Macdonald, Roderick A., Rockwood,
Jones, H. J. M., Wabash Av. Unicago 1873	MacDonall Wan 1874
Feinbroke, O 1881	MacDonell, Æneas, Ottawa, O 1849 MacDonnell, R, L., B.A., Montreal, Q 1876 MacFarlane, William, Almonte, O 1869
Kearney, Wm. J., Keefer, Wm. N., B.A., Surg. Maj,	MacDonnell, R, L., B.A., Montreal, O 1876
Reefer, Wm. N., B.A., Surg. Maj,	MacFarlane, William, Almonte, O 1869
	MacFarlane, William, Almonte, O 1869 Macfarlane, William, Almonte, O 1869 Macfie, James, Fort Covington, N Y 1869 MacIntosh, Robert, Rapid City, NWT 1863 Mack, Francis Lewis, Ambersthurg, O 1869
*Reeler, Thomas,	MacIntosh, Robert, Rapid City. NWT 1863
Thelly, Clinton Wayne, Louisville, Ky 1867	Mack, Francis Lewis, Amherstburg, O 1862
*Keeler, Thomas, 1859 †Kelly, Clinton Wayne, Louisville, Ky 1867 *Kelly, Wm., †Kelly, Thomas, Haslington, Demarara 1873	
†Kelly, Thomas, Haslington, Demarara 1873	"Macklem, Samuel S
Rempt, William, Lindsay, O 1864	MacLean, Archihald Comic O toos
Kennedy, Richard A., Montreal 1864	machabb, Francis A 1.
*Kerr, James, 1858	Machella Alex. Charlottotown DET 1000
Killery, St. John, Surg. Maj. Army 1862	
King, Wm. M. H., St. Sylvestre, Q 1859 King, Reginald, A. D., Compton, Q 1868 King, Richard, Peterboro, O 1867 *King, Natural Peterboro, O 1867	McArthur, John A., McBain, John, McCallum Purces G. Martintown, O 1874
King, Reginald, A. D., Compton, Q 1868	McBain, John. Martintown 0 1074
King, Richard, Peterboro, O 1867	McBain, John, Martintown, O 1874 McCallum, Duncan C. Montreel O 1874
	McCann, J. J. B. A. Honkinton, Mars 1979
Kittson, John G., St. Paul, Minn 1869	McCarthy, W. Chicago III 1997
Kittson, Edmund G., Winnipeg, Man 1873	*McConkey, T. C. Chicago, 111 1867
Klock, Robert H., Aylmer, Q 1882	McCallum, Duncan C., Montreal, Q 1850 McCann, J. J., B.A., Hopkinton, Mass 1878 McCarthy, W., Chicago, Ill 1867 *McConkey, T. C., McConkey, J. C., McConnell, John B., Montreal, Q 1873
*Knowles, James A., 1866	*McCord, John D., 1864
*Kollmyer, Alex. H., 1856	MCCOrkill R K C Foot Foundam O 1000
	McCormick, Andrew G., Richmond, Q 1882
Lane, John A., 1877	McCrimmon Donald
Lang, Christopher L., Owen Sound, O 1876	McCrimmon John Winserdin C 1869
Lang, W. A., St. Mary's, O 1881	McCrimmon Milton
Lane, John A., Lang, Christopher L., Owen Sound, O 1876 Lang, W. A., *Lang, Thos. D., Langlois, O. X., *Langrell, Richard T., Larocque, A. B., Montreal, Q 1847	McCrimmon, Donald A., Lucknow, O 1869 McCrimmon, Milton, Kineardine, O 1878 McCuilough, George, St. Mary's, O 1879
Langlois, O. X., Gordon, O 1875	*McCullough Migheel III
*Langrell, Richard T., 1865	McCully Oscar I M A Bris VI
Larocque, A. B., Montreal, Q 1847	McCully, Oscar J. M. A., Baie Verte,
Larocque, A. B., Lathern, J. S., Laurin, Edgar J., Law, D. W. C., Montreal, Q 1847 Yarmouth, N S1883 Deer Lodge, Mon 1881 Bond Head, O 1863	McCurdy, John, Chatham, N B 1866
Laurin, Edgar J., Deer Lodge, Mon 1881	McDermid Wm Chatham, N B 1866
Law, D. W. C., Bond Head, O 1863	McDermid, Wm., Dunvegan, O 1875 McDiarmid, Donald, Athol, O 1867
Law. William K. Coleraine Trel 1877	
†Lawford, John B., London, Eng 1879	McDiarmid, James, McDonald, Alex., Paisley, O 1883
*Lawrence, Henry J. H., 1862	tMcDonald John A Paisiey, O 1883
†Lawford, John B., London, Eng 1879 *Lawrence, Henry J. H., Leavitt, Julius, Melbourne, Q 1866 Leclere, George, Montreal 1851	McDonald Jos D
Leclere, George, Montreal 1851	McDonald R C
Leclair, Napoleon, Lancaster, O 1861	McDonald, Alex., Paisley, O 1873  McDonald, John A., Montreal 1880  McDonald, Jos. D. A., McDonald, R. C., Owatonna, Minn 1880  McDonald, Rederick, Cornwall, O 1834  McDonald, Alex. R., Trinity, Teyns 1889
Lee, James C., 1858	McDonald, Alex. R., Trinity, Texas 1882
*Lee John Rolph 1849	McDonald, Alex. R., Trinity, Texas 1882 McDonnell, Alex. R., Alexandria, O 1874
Lefebyre, John M., Brockville. O 1879	McDonell, Angus C., Montreal, Q 1874 McDonell, Angus C., Montreal, Q 1852
	McDongall Peter 4
Legault D., Salaberry de Valleyfield, Q 1866 Lemoine, C., St. Pierre, He d'Orleans 1850 Lapailleur, Leonard, St. Martin, Q 1848 Leprohon, John L., Montreal 1843 Layi Raubaya	McDonnell, Alex. R., McDonell, Angus C., McDougall, Peter A., *McDougall, Peter A. *McDougall. Peter A.
Lapailleur Leonard St Martin O 1848	
Leprohon, John L., Montreal 1843	McEachran, W., Winnipeg, Man 1880 McEwan, Findlay, Carlton Place, O 1870
Levi, Reuben Inverness, Q 1876	
Lindsay Hariot St John's O 1001	McGannon, E. A., Lowell, Mass 1881 McGarry, James, Drummondville, O 1858
Lindsay, Heriot, St. John's, Q 1861 *Lister James, 1862	Marchaell, Drummondville, O 1858
*Lloyd, H. W.,	McGill William, Iona, O 1867
*Lloyd, H. W., 1879 *Locke, C. F. A., 1872	McGill, William, Oshawa, O 1849
*Logan, David D., 1842	McGowan Honey W Book Di
*Logan, David D., Logan, Robert, Iona, Mich 1880	McCoult W., Deepe Flain, Q 1867
*Long, Alexander 1844	*McGregor, Duncan, 1861
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# McGILL UNIVERSITY,

ANNUAL CALENDAR,

Faculty of Medicine.



52ad SESSION 1884-85.

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1884.

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## General Statement.

### SESSION OF 1884-5.

The Fifty-second Session of the University, being the Thirty-second under the amended Charter, will commence in the Autumn of 1884.

By Virtue of the Royal Charter, granted in 1821 and amended in 1852, the Governors, Principal and Fellows of McGill College constitute the Corporation of the University; and, under the Statutes framed by the Board of Governors, with approval of the Visitor, have the power of granting Degrees in all the Arts and Faculties, in McGill College, and Colleges affiliated thereto.

The Statutes and Regulations of the University have been framed on the most liberal principles, with the view of affording to all classes of persons the greatest possible facilities for the attainment of mental culture and professional training. In its religious character the University is Protestant, but not denominational; and while all possible attention will be given to the character and conduct of students, no interference with their peculiar religious views will be sanctioned.

The educational work of the University is carried on in McGill College, Montreal, and in the Affiliated Colleges and Schools.

#### I. McGILL COLLEGE.

- THE FACULTY OF ARTS.—The complete course of study extends over four Sessions, of eight months each; and includes Classics and Mathematics, Experimental Physics, English Literature, Logic, Mental and Moral Science, Natural Science, and one Modern Language, or Hebrew; all which subjects are imperative in the first two years of the course; but in the third and fourth years options are allowed in favour of the Honour Courses in Classics, Mathematics, Mental and Moral Science, Natural Science, and English Literature. Certain exemptions are also allowed to professional Students. The course of study leads to the Degrees of B.A., M.A., and LL.D.
- THE FACULTY OF APPLIED SCIENCE provides a thorough professional training, extending over three or four years, in Civil Engineering, Mechanical Engineering, Mining Engineering and Assaying, and Practical Chemistry, leading to the Degrees of Bachelor of Applied Science, Master of Engineering, and Master of Applied Science.
- THE FACULTY OF MEDICINE.—The complete course of study in Medicine extends over four Sessions, of six months each, and one Summer Session of three months in the 3rd Academic Year, and leads to the Degree of M.D., C.M.
- THE FACULTY OF LAW.—The complete course in Law extends over three Sessions, of six months each, and leads to the degrees of B.C.L. and D.C.L.

### II. AFFILIATED COLLEGES.

Students of Affiliated Colleges are matriculated in the University, and may pursue their course of study wholly in the Affiliated College, or in part in McGill College, and may come up to the University Examinations on the same terms with the Students of McGill College.

MORRIN COLLEGE, Quebec—Is affiliated in so far as regards Degrees in Arts and Law.

[Detailed information may be obtained from Rev. John Cook, D.D., Principal.]

St. Francis College, Richmond—Is affiliated in so far as regards the Intermediate Examinations in Arts.

[Detailed information may be obtained from Principal Passmore, Richmond, P.Q.]

## III. AFFILIATED THEOLOGICAL COLLEGES.

Affiliated Theological Colleges have the right of obtaining for their Students the advantage, in whole or in part, of the course of study in Arts, with such facilities in regard to exemptions as may be agreed on.

THE CONGREGATIONAL COLLEGE OF BRITISH NORTH AMERICA, Montreal.

THE PRESBYTERIAN COLLEGE OF MONTREAL, in connection with the Canada Presbyterian Church.

THE DIOCESAN COLLEGE OF MONTREAL.

THE WESLEYAN COLLEGE OF MONTREAL.

#### IV. AFFILIATED SCHOOLS.

THE McGill Normal School provides the training requisite for Teachers of Elementary and Model Schools and Academies. Teachers trained in this School are entitled to Provincial Diplomas.

THE MODEL SCHOOLS OF THE McGILL NORMAL SCHOOL are Elementary Schools, divided into a Boys' Department, Girls' Department, and Primary School.

COLLEGIATE INSTITUTES, ACADEMIES, and HIGH SCHOOLS may be affiliated in so far as regards Matriculation in Arts and Applied Science, under the University regulations. The following are at present so recognized:—

Prince of Wales College, Charlottetown, P.E.I.; the Collegiate Institute, Hamilton, Ont.; the Canadian Literary Institute, Woodstock, Ont.; the High School, Montreal; the Bishop's College School, Lennoxville; the Girls' High School, Montreal; The Lachute Academy; the Dunham Academy; the Knowlton Academy; The Waterloo Academy.

#### BENEFACTORS OF THE

# Faculty of Medicine.

#### I. LEAN CHOIL ENDOWMENT.

Honorable Donald A. Smith ..... \$50,000

#### II. CAMPBELL MEMORIAL ENDOWMENT.

Established to commemorate the services rendered to the Faculty during 40 years by the late Dean George W. Campbell, M.D., LL.D.

Mrc C W Campbell

\$2000 | John Rankin, Esq....

500

The names of the following gentlemen have been inadvertently omitted from the List of Subscribers to the Campbell Memorial Fund—

R. B. ANGUS, Esq. . . \$1,000.
D. C. MACCALLUM, M D. . . 500.
T. J. ALLOWAY, M.D. . . . 25.
ROBT. HOWARD, M.D., St. Johns, Que. 20.

Hon. John Hamilton	1000	A. Baumgarten, Esq	250
Miss Orkney	1000	V. R. Elmenhort, Esq	250
Hugh McKay, Esq	1000	W. F. Lewis, Esq	250
Hector McKenzie, Esq	1000	Geo. Armstrong, Esq	250
Thomas Workman, Esq		J. M. Douglass, Esq	250
Hugh McLennan, Esq	1000	H. Lyman Sons & Co	250
O. S. Wood, Esq	1000	William Osler, M.D	250
Joseph Hickson, Esq	500	F. J. Shepherd, M.D	250
Allan Gilmour, (Ottawa)	500	Benj. Dawson, Esq	200
R. W. Shepherd, Esq	500	R. Wolff, Esq	150
James Burnett, Esq	500	Mrs. Cuthbert (New Richmond	
Andrew Robertson, Esq	500	Q.)	100
Robt. McKay, Esq	500	H. W. Thornton (M.D., New	
John Hope, Esq	500		100
Alex. Urquhart, Esq	500	A. T. Paterson, Esq	100
E. K. & G. A. Greene, Esqrs	500	M. E. David, Esq	100
R. A. Smith, Esq	-	C. B. Hanvey, M.D , Yale B. C.	100
Geo Hague, Esq		D. Cluness, M.D., Nanaimo,	
J. K. Ward, Esq		B. C	100
Warden King, Esq		J. M. Drake, M.D	100
John Stirling, Esq		W. Kinloch, Esq	100
John During, 2-4	5001		

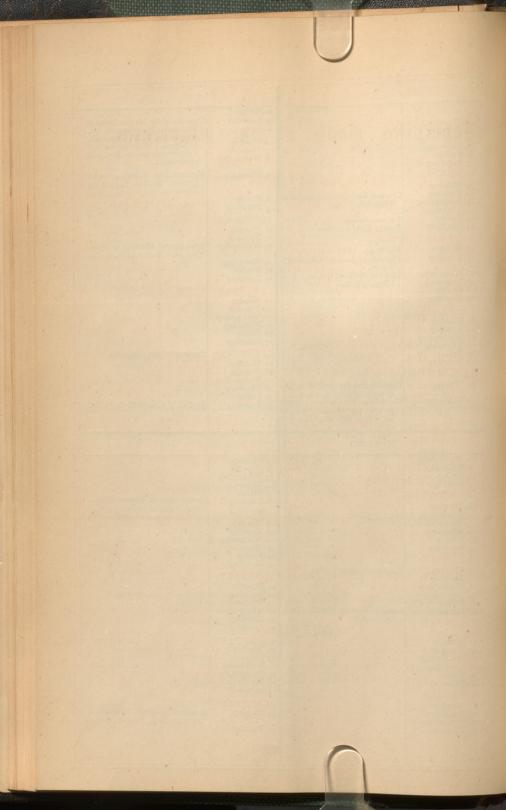
a D' 1 -1	100	Dr. J. & D. J. McIntosh (van-	
Hua & Richardson	TOO	leek Hill)	20
Hugh Paton, Esq	100	T. E. D M. D. (Prescott)	20
R. T. Godfrey, M.D	100	J. E. Brouse, M.D., (Prescott)	15
T. A. Rodger, M.D	100	J. H. McBain, M.D	IO
1. A. Rouger, m.b.	100	I. C. Rattray, M.D	
W. A. Dyer, Esq		J. H. Howard, M.D., Lachine.	10
G. W. Wood M. D. (Faribault,		J. W. Oliver, M.D., Clifton, O.	IO
Min.)	100	D. W. Oliver, M.D., Olitawa	
A. A. Browne, M.D	100	P. A. McDougall, M.D., Ottawa	IO
Joseph Workman, M.D., (Tor-		0	
Joseph Workman, 11121,	50	A. Pousette, M.D., Sarnia, O	10
onto)	3-	A. Ruttan, M.D., Napanee, O	10
Henry Lunam, B.A., M.D.,		James Gunn, M.D., (Brussels, O.	IO
Campbellton, N.B	50	James Guini, M.D., (Drusses,	5
Griffith Evans, M.D., Vet.		J. McDiarmid, M.D	1/2
Dept. Army	25	W. J. Derby, M.D	5
TE 1 M D (Rolleville)	25	J. Gillies, M.D	5
J. J. Farley, M.D., (Belleville).	-3	J. B. Benson, M.D	5
Louis T. Marceau, M.D., Napier-		L. A. Fortier, M.D	5
ville, Q	25	L. A. Fortier, M.D.	
Henry R. Gray, Esq	25	J. A. McArthur, M.D	5
R. J. B. Howard, M.D	25	John Campbell, M.D	5
R. J. D. Howard, M.D	20		
R. F. Rinfret, (Quebec)	20		

# CALENDAR, 1884-85.

	JULY, 1884.	S	SEPTEMBER, 1884.
1 Tuesday 2 Wednesday 3 Thursday 4 Friday 5 Saturday 6 SUNDAY	Summer Session ends. Fourth Sunday after Trinity.	1 Monday 2 Tuesday 3 Wednesday 4 Thursday 5 Friday 6 Saturday	
7 Monday 8 Thuesday 9 Wednesday 10 Tursday 11 Friday 12 Saturday		7 SUNDAY 8 Monday 9 Tuesday 10 Wednesday 11 Thursday 12 Friday	Thirteenth Sunday after Tr'ty
13 SUNDAY 14 Monday 15 Tuesday 16 Wednesday 17 Thursday 18 Friday	Fifth Sunday after Trinity.  Dr. Wm. Robertson died, 188.	13 Saturday	Candidates for matriculation of Provincial Medical Board to send fee (\$10) to Dr. Bell- eau, Quebec. Candidates for the licence to send fee (\$20) and credentials.
20 SUNDAY 21 Monday 22 Tuesday	Sixth Sunday after Trinity.	14 SUNDAY 15 Monday 16 Tuesday 17 Wednesday	Fourteenth Sunday after Tr'ty
23 Wednesday 24 Thursday 25 Friday 26 Saturday		18 Thursday 19 Friday 20 Saturday 21 SUNDAY	Matriculation Examination of C. P. & S. of Quebec (Pro- vincial Board) at Quebec. Fifteenth Sunday after Tr'ty.
27 SUNDAY 28 Monday 29 Tuesday 30 Wednesday 31 Thursday	Seventh Sunday after Trinity.	22 Monday 23 Tuesday 24 Wednesday 25 Thursday 26 Friday	College of Physicians and Surgeons of Province of Quebec meets at Quebec.  Matriculation Exam. begins,
		27 Saturday 28 SUNDAY 29 Monday	High Sc., Peel street. Register opens. Sixteenth Sunday after Tr'ty.
ATI	GUST, 1884.	30 Tuesday	DOMODED 1004
1 Friday	GUSI, 1001.	ı Wednesday	OCTOBER, 1864.  Session opens. Introductory
2 Saturday 3 SUNDAY 4 Monday 5 Tuesday	Eighth Sunday after Trinity.	2 Thursday 3 Friday 4 Saturday	lecture and conversazoine in Redpath Museum at 8 p.m. McGill Medical Society semi-annual meeting.
6 Wednesday 7 Thursday 8 Friday 9 Saturday		5 SUNDAY 6 Monday 7 Tuesday 8 Wednesday	Seventeenth Sunday after Tr'ty
10 SUNDAY 11 Monday 12 Tuesday 13 Wednesday	8th International Medical Congress meets in Copenhagen.	9 Thursday 10 Friday 11 Saturday 12 SUNDAY	Prof. Holmes died 1860.  Eighteenth Sunday after Tr'ty.
14 Thursday 15 Friday 16 Saturday 17 SUNDAY	Tenth Sunday after Trinity.	13 Monday 14 Tuesday 15 Wednesday 16 Thursday	
18 Monday 19 Tuesday 20 Wednesday 21 Thursday 22 Friday 23 Saturday		17 Friday 16 Saturday 19 SUNDAY 20 Monday 21 Tuesday	Nineteenth Sunday after Tr'ty
24 SUNDAY 25 Monday 26 Tuesday 27 Wednesday	Eleventh Sunday after Trinity. Canada Medical Association Meets in Montreal. British Association for Ad-	23 Thursday 24 Friday 25 Saturday 26 SUNDAY	Twentieth Sunday after Tr''v
29 Friday 30 Saturday	vancement of Science meets in Montreal.  Twelfth Sunday after Trinity.	27 Monday 28 Tuesday 29 Wednesday 30 Thursday 31 Friday	All Hallows Eve.

	MBER, 1884.	JAN	TUARY, 1885.
	All Saints Day. No Lectures. Lectures began in Montreal Medical Institution in 1824. Twenty-first Sunday after Tr'ty  Jas. McGill born 1744. Founder's Day.  Twenty-second Sunday after Trinity. First Lectures delivered in Medical Faculty, 1829.  Twenty-third Sunday after Trinity.	6 Tuesday 7 Wednesday 8 Thursday 9 Friday 10 Saturday 11 SUNDAY 12 Monday 13 Tuesday 14 Wednesday 15 Thursday 16 Friday 17 Saturday 18 SUNDAY 19 Monday 20 Tuesday 21 Wednesday 22 Thursday 23 Friday 24 Saturday 25 SUNDAY	Dr. Wm Caldwell died 1833.
25 Tuesday 26 Wednesday 27 Thursday 28 Friday 29 Saturday 30 SUNDAY	First Sunday in advent.	31 Saturday	Charter granted to Montreal General Hospital 1823.
r Monday 2 Tuesday 3 Wednesday 4 Thursday 5 Friday 6 Saturday 7 SUNDAY 8 Monday 9 Tuesday 10 Wednesday 11 Thursday 12 Friday 13 Saturday 14 SUNDAY 15 Monday 16 Tuesday 17 Wednesday 17 Wednesday 17 Friday 20 Saturday 21 SUNDAY 22 Monday 23 Tuesday 24 Wednesday 25 Thursday 26 Friday 27 Saturday 29 SunDAY 29 Monday 30 Tuesday 30 Tuesday 31 Wednesday	Second Sunday in Advent.  Christmas Exam. in Botany. Third Sunday in Advent.  Class Examinations. Jame McGill died 1813. Lectures close for the term. Fourth Sunday in Advent.  Christmas.  First Sunday after Christmas	20 Friday 21 Saturday 22 SUNDAY 23 Monday 24 Tuesday 25 Wednesday	Prof. Sutherland died 1875.  Assessors of C. P. & S. of the Province to be notified of examinations.

MA	RCH, 1885.		MAY, 1885.
2 Monday 3 Tuesday 4 Wednesday 5 Thursday		r Friday 2 Saturdáy 3 SUNDAY 4 Monday 5 Tuesday	Candidates for Matriculation of Provincial Board to send fee, \$10, to Dr. F. W. Campbell, Montreal. Candidates for License to send fee, \$20, and
6 Friday 7 Saturday 8 SUNDAY		5 Tuesday 6 Wednesday 7 Thursday	credentials.  Matriculation Examination of Quebec Medical Board at
9 Monday 10 Tuesday 11 Wednesday 12 Thursday	Clinical Examination begins at Hospital.	8 Friday 9 Saturday	Montreal.
13 Friday 14 Saturday 15 SUNDAY	Lectures close. Botany Examination.	10 SUNDAY 11 Monday 12 Tuesday	
16 Monday 17 Tuesday	Histology. Physics. Physiology, roa.m.; Chemistry, 3 p.m.	13 Wednesday 14 Thursday 15 Friday	Semi-annual Meeting of Que- bec Med. Board, at Montreal.
18 Wednesday 19 Thursday 20 Friday 21 Saturday	Materia Medica, 10 a.m.; Anatomy, 3 p.m.	16 Saturday 17 SUNDAY 18 Monday	
22 SUNDAY 23 Monday 24 Tuesday		19 Tuesday 20 Wednesday 21 Thursday 22 Friday	
25 Wednesday 26 Thursday 27 Friday 28 Saturday 29 SUNDAY		23 Saturday 24 SUNDAY 25 Monday 26 Tuesday	Professor Scott died 1883.
30 Monday 31 Thuesday	Convocation for conferring Degrees in Medicine, 3 p.m. Candidates for Ontario License	27 Wednesday	Prof. G, W. Campbell died 1882.
SACCOLICIA CON CONTRACTOR CONTRA	to send certificates, &c., to Dr. Pyne, Bay St., Toronto.	31 SUNDAY	1101.6, w. Campben ded 1002.
	RIL, 1885.		JUNE, 1885.
T Wednesday Thursday Friday Saturday SUNDAY Monday Tuesday Wednesday Thursday Friday Sturday Swednesday Thursday Sturday Sunday Thursday Sunday	Summer Session begins.	r Monday 2 Tuesday 3 Wednesday 4 Thursday 5 Friday 6 Saturday 7 SUNDAY 8 Monday 9 Tuesday 10 Wednesday 11 Thursday 12 Friday 13 Saturday	Corner-stone of Montreal General Hospital laid 1821.
14 Tuesday 15 Wednesday 16 Thursday 17 Friday 18 Saturday 19 SUNDAY	Annual Meeting McGill Medi- cal Society.	14 SUNDAY 15 Monday 16 Tuesday 17 Wednesday 18 Thursday 19 Friday	
		20 Saturday 21 SUNDAY 22 Monday	
20 Monday 21 Tuesday 22 Wednesday 23 Thursday 24 Friday 25 Saturday 26 SUNDAY		23 Tuesday 24 Wednesday 25 Thursday 26 Friday 27 Saturday	
21 Tuesday 22 Wednesday 23 Thursday 24 Friday		23 Tuesday 24 Wednesday 25 Thursday 26 Friday	Montreal Medical Institution became Med. Faculty 1829.



# Governing Pody of the Anibersity.

#### VISITOR:

HIS EXCELLENCY THE RIGHT HON. THE MARQUIS OF LANSDOWNE, G.C.M.G.,

GOVERNOR GENERAL OF CANADA, &C.

#### GOVERNORS:

[Being the Members of the Royal Institution for the advancement of learning.]

THE HON. JAMES FERRIER, SENATOR, M.L.C. PETER REDPATH, Esq.
JOHN H. R. MOLSON, Esq.
THE HON. FREDERICK W. TORRANCE, M.A., B.C.L.
THE HON. SIR ALEXANDER T. GALT, K.C.M.G.
THE HON. SIR FRANCIS HINCKS, K.C.M.G., C.B.
JOHN MOLSON, Esq.
JOSEPH HICKSON, Esq.
THE HON. ROBERT MACKAY.
THE HON. JOHN J. C. ABBOTT, D.C.L., Q.C.
ROBERT A. RAMSAY, M.A., B.C.L.
WILLIAM C. McDONALD, Esq.
HUGH MCLENNAN, Esq.
GEORGE HAGUE, Esq.

The Board of Governors has, under the Royal Charter, the power to frame Statutes, to make Appointments, and to administer the Finances of the University.)

#### PRINCIPAL:-

JOHN W. DAWSON, M.A., LL.D., F.R.S., C.M.G., Vice-Chancellor.

(The Principal has, under the Statutes, the general superintendence of all affairs of the College and University, under such regulations as may be in force.)

#### FELLOWS:-

VEN. ARCHDEACON LEACH, M.A., D.C.L., LL.D., Vice-Principal and Dean of the Faculty of Arts.

HENRY ASPINWALL, HOWE, LL.D., Governors' Fellow.

REV. JOHN COOK, D.D., Principal of Morrin College, Quebec.

ALEXANDER JOHNSON, M.A., LL.D., Vice-Dean of the Faculty of Arts,

Governors' Fellow.

REV. GEORGE CORNISH, M.A., LL.D., Elective Fellow, Faculty of Arts.
REV. HENRY WILKES, M.A., D.D., LL.D., Professor of Theology, Congregational College of British North America.

REV. D. H. MacVICAR, LL.D., Principal of the Presbyterian College of Montreal.

J. J. McLAREN, M.A., B.C.L., Representative Fellow in Law.
JOHN REDPATH DOUGALL, M.A., Representative Fellow in Arts.
WILLIAM H. KERR, Q.C., D.C.L., Dean of the Faculty of Law.
REV. J. CLARK MURRAY, LL.D., Elective Fellow, Faculty of Arts.
HENRY T. BOVEY, M.A., C.E., Dean of the Faculty of Applied Science.
BERNARD J. HARRINGTON, B.A., Ph.D., Elective Fellow, Fac. App.

Science.
REV. E. J. REXFORD, B.A., Governors' Fellow.

ROBERT BELL, B.A. Sc., M.D., Representative Fellow in App. Science.

REV. JOHN JENKINS, D.D., LL.D., Governors' Fellow.

REV. CANON HENDERSON, M.A., Principal of the Montreal Diocesan Theological College.

REV. GEORGE DOUGLAS, LL.D., Principal of the Montreal Wesleyan Theological College.

WILLIAM OSLER, M.D., Representative Fellow in Medicine.

CLEMENT H. McLEOD, Ma.E., Representative Fellowin Applied Science J. S. ARCHIBALD, M.A., B.C.L., Elective Fellow, Faculty of Law.

GEORGE ROSS, M.A., M.D., Elective Fellow, Faculty of Medicine.

FRANCIS J. SHEPHERD, M.D., Representative Fellow in Medicine.

JOHN S. HALL, B.A., B.C.L., Representative Fellow in Law.

REV. R. W. NORMAN, M.A., D.C.L., Chairman of Protestant Board of School Commissioners.

R. P. HOWARD, M.D., Dean of Faculty of Medicine.

S. P. ROBINS, M.A., LL.D., Principal of McGill Normal School.

S. F. PASSMORE, B.A., Principal of St. Francis College.

FREDERICK W. KELLY, B.A., Ph.D., Representative Fellow in Arts.

(The Governors, Principal, and Fellows constitute, under the Charter, the Corporation of the University, which has the power, under the Statutes, to frame regulations touching Courses of Study, Matriculation, Graduation and other Educational matters; and to grant Degrees,)

## SECRETARY, REGISTRAR, AND BURSAR:-

[And Secretary of the Royal Institution.]

WILLIAM CRAIG BAYNES, B.A., Cambridge, Residence and Office, East Wing, McGill College; Office Hours, 10 to 2.

JAMES W. BRACKENRIDGE, B.C.L., Clerk.

# Faculty.

JOHN WILLIAM DAWSON, LL.D., F.R.S., Principal and Professor of Natural History.

R. PALMER HOWARD, M.D., Dean of the Faculty.

### EMERITUS PROFESSORS.

WILLIAM WRIGHT, M.D., Materia Medica and Therapeutics, 84 St. Famille Street. Buncan C. McCallum, M.D., Midwifery and Diseases of Women, 45 Union Avenue.

RÖBERT CRAIK, M.D., Chemistry, Treasurer of the Faculty. 2 Catheart Street. JOSEPH MORLEY DRAKE, M.D., Institutes of Medicine, Abbotsford, Que.

#### PROFESSORS.

R. PALMER HOWARD, M.D., Professor of Medicine, 47 Union Avenue.

G. E. FENWICK, M.D., Professor of Surgery, 1401 St. Catherine Street.

G. P. GIRDWOOD, M.D., Professor of Chemistry, 28 Beaver Hall Terrace.
GEORGE Ross, M.A., M.D., Professor of Clinical Medicine, 49 Union Avenue,

WILLIAM OSLER, M.D., Professor of the Institutes of Medicine and Registrar of the Faculty, 80 Union Avenue.

THOMAS G. RODDICK, M.D., Professor of Clinical Surgery, 80 Union Avenue.

WILLIAM GARDNER, M.D., Professor of Gynæcology, 109 Union Avenue.

Francis J. Shepherd, M.D., Professor of Anatomy and Librarian of the Faculty, 85 Mansfield Street.

Frank Buller, M.D., Professor of Ophthalmology and Otology, 694 Dorchester Street.

ARTHUR A. BROWNE, B.A., M.D., Professor of Midwifery and Diseases of Infancy, 1353 St. Catherine Street.

JAMES STEWART, M.D., Professor of Materia Medica and Therapeutics.

Geoege Wilkins, V.D., Professor of Medical Jurisprudence, 856 Dorchester Street.

D. P. PENHALLOW S.Sc., Professor of Botany, 105 Union Avenue.

R. L. Macdonnel, B.A., M.D., Demonstrator of Anatomy and Lecturer on Hygiene, 143 St. Catherine Street.

WILLIAM R. SUTTIE LAND, M.D., Assistant Demonstrator of Anatomy and Curator of the Museum, 745 Dorchester Street.

GEORGE W. MAJOR, B.A., M.D., Instructor in Laryngology, 1398 St. Catherine Street.

ALEX. D. BLACKADER, B.A., M.D., Instructor in Diseases of Children, 44

Beaver Hall Terrocc.

T. WESLEY MILLS, M.A., M.D., Demonstrator of Practical Physiology and Histology, 561 Dorchester Street.

ROBT. J. B. HOWARD, BA., M.D., Assistant Demonstrator of Anatomy, 47
Union Avenue.

# McGill University.— Faculty of Medicine.

THIRD AND FOURTH YEAR, TIME TABLE, 1884-85.

A·M.	Monday.	Tuesday	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Medical Jurisprudence.	General Pathology.	Medical Jurisprudence:	1.0	Medical Jurisprudence.	
10	Surgery, Examination.	Surgery.	Surgery.	Surgery.	Surgery.	Morbid Anatomy Demonstrated.
11	Midwifery.	Gynæcology.	Midwifery.	Gynæcology.	Midwifery.	
P.M. 1-2.30.	Medical Clinic, 4th Year. Surgical Clinic, 3rd Year.	Surgical Clinic, 4th Year. Medical Clinic, 3rd Year.	Medical Clinic, 4th Year. Surgical Clinic, 3rd Year.			
2	Materia Medica, 3rd Year.					
2.30	Clinical Gynœcology, at	University Dispensary,	4th year students in groups	,		
2.30	Ophthalmic and Aural Cli	nic daily.				
	Clinic on Diseases of the	Skin. University Disper	sary, Monday and Friday.			
	Clinic on Diseases of Chi	dren. University Disper	sary, Tuesday and Satur	day.		
4	Medicine Examination.	Medicine.	Medicine.	Medicine.	Medicine.	
5	Ophthalmic and Aural Surgery Lecture.					

Autopsies are performed at the General Hospital between 12 and 2 p.m.

# McGill University—Laculty of Medicine.

FIRST AND SECOND YEAR, TIME TABLE, 1883-84.

A.M.	Monday.	Tuesday.	WEDNESDAY.	Thursday.	FRIDAY.	SATURDAY,
9	Anatomy, Examination.	Anatomy.	Anatomy.	Anatomy.	Anatomy.	Hygiene, 2nd or 3rd Year.
10	Practical Chemistry, 2nd Year, till 12 o' clock.	Botany, 1st Year.	Practical Chemistry, 2nd Year.	Botany, 1st Year.	Practical Chemistry, 2nd Year.	Botany Demonstration.
11	Out-Patients, Montreal General Hospital.	Out-Patients, Montreal General Hospital.	Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Moutreal Gen'l Hospital-	Out-Patients, Montreal Gen'l Hospital.
P.M. 2	Materia Medica, for 2nd Year only.	"Materia Medica, 2nd Year only.	Materia Medica, 2nd Year only.	Materia Medica, 2nd Year only,	Materia Medica Examination.	Practical Physiology, 2nd Year.
3;	Physiology Examination.	Physiology.	Physiology.	Physiology.	Histology, 1st Year. Lecture.	
4	Practical Histology.	Practical Histology.	Practical Histology.	Practical Histology.	Histology Demonstrations.	
5	Chemistry.	Chemistry.	Chemistry.	Chemistry.	Chemistry Examination.	
8 to 10	Practical Anatomy.	Practical Anatomy.	Practical Anatomy	Practical Anatomy.	Practical Anatomy.	

N.B.—The Demonstrator's Hours in the Dissecting Room are from 10-12 a.m. and from 8-10 p.m.

<sup>\*</sup> The First and Second Year Students are urged to attend the Out-Patients Practice whenever possible.

The complete Calendar of the University, containing the Announcements of the Faculties of Law, Arts and Applied Science, Lists of Graduates, &c., can be had on application to the Secretary of the University.

# Faculty of Medicine.

### THE PRINCIPAL (ex-officio).

Professors :-

Professors :-

WRIGHT. RODDICK. HOWARD. OSLER. McCallum. GARDNER. CRAIK. SHEPHERD. FENWICK. BULLER, DRAKE. BROWNE. GIRDWOOD, STEWART. Ross, WILKINS,

Dean .- R. P. HOWARD, M.D.

Registrar .- W. OSLER, M.D.

Demonstrator of Anatomy. - R. L. MACDONNELL, B.A., M.D.

The fifty-second session of the Faculty will be opened on Wednesday, October 1st, 1884, by an introductory lecture at 8 p.m. The regular lectures will begin on October 2nd, at the hours specified in the time table, and will be continued for six months.

The Medical School of McGill University was founded in 1824 as the Medical Institution by John Stephenson, Andrew F. Holmes, William Robertson and William Caldwell. In 1829 the Medical Institution beame the Medical Faculty of McGill College. There were no sessions during the political troubles from 1836 to 1839, and it is owing to this gap that the present is the 52nd session of the Faculty. In reality this is the 56th session of the school, which is the direct continuation of the Medical Institution.

The Medical College, a large and substantial building situated within the University Grounds, contains two spacious class-rooms, Students' waiting-room, Library, Museum, Laboratories, together with a large and well-furnished Dissecting-room.

The class tickets for the various courses are accepted as qualifying candidates for examination before the various Colleges and Licensing Bodies of Great Britain and Ireland, and the College of Physicians. and Surgeons of Ontario. The degree in Medicine of this University carries with it at the Licensing Boards of Great Britain the same exemptions in certain subjects as are granted to all colonial degrees

To meet the circumstances of the General Practitioners in British North America, where there is no division of the profession into Physicians and Surgeons exclusively, the degree awarded upon graduation is that of "Doctor of Medicine and Master of Surgery," in accordance with the general nature and character of the curriculum, as fully specified hereafter. The degree is received by the College of Physicians and Surgeons of the Province of Quebec.

It affords the Faculty great satisfaction to be able to announce that their efforts to secure an endowment have been successful. As the lists on a previous page show, over \$50,000 have been subscribed to the Campbell Memorial Fund; and the Hon. Donald A. Smith on August 1st, 1883, redeemed his promise by handing over to the Governors for the use of the Faculty \$50,000, to be known as the "Leanchoil Endowment."

The Faculty take this opportunity of publicly expressing their sincere thanks to the Hon. D. A. Smith and to the many friends who subscribed to the Campbell Memorial Fund. It is extremely gratifying to them to feel that the memory of their late Dean should have received these lasting tributes from his fellow-citizens, and that his name should be thus permanently associated with the school he loved, and, by the gift of Mr. Geo. Stephen, with the Hospital he so long served.

#### I.

### MATRICULATION.

It is very important that intending Students should bear in mind the following: (1) That if natives of Ontario, and if they wish to obtain the license of that Province, they must conform to the regulations regarding the Preliminary Examination, and register before begining their Medical Studies. (2) If natives of the Province of Quebec, they must pass the Matriculation Examination of the Quebec Medical Board.

(3) Natives of the Maritime Provinces and of Manitoba, may present themselves before the Local Medical Boards for the Preliminary Examination. Where the Examination and Standard are equivalent to those of the University, a certificate (bearing the standing of the candidate in the various subjects) will be accepted, and the student may register without further examination or fee.

Graduates in Arts are exempt from the Matriculation.

### 13

### University Matriculation Examination.

This examination is the same as that recommended by the Medical Council of Great Britain. Examinations in conformity therewith will be held the last Friday and Saturday in March and the last Friday and Saturday in September of each year. Applications may be made to the Registrar of the Faculty till the evening of the previous day. The requirements of the standard for Matriculation are :- (1) English Language, including Grammar and Composition.\* (2) English History. (3) Modern Geography. (4) Latin, including Translation from the original and Grammar. (5) Elements of Mathematies, comprising (a) Arithmetic, including Vulgar and Decimal Fractions; (b) Algebra, including simple Equations: (c) Geometry, including the first two books of Euclid or the subjects thereof. (6) Elementary Mechanics of Solids and Fluids, comprising the elements of Statics, Dynamics and Hydrostatics. (7) One of the following optional subjects; -(a) Greek, (b) French, (c) German, (d) Italian, (e) any other modern language, (f) Logic, (g) Botany (h) Elementary Chemistry.

TEXT-BOOKS.—Latin,—Cicero, Orations 1 and 2 against Cataline; or Virgil, Æneid, Bk. I.

GREEK. - Xenophon, Anabasis, Bk. I., or equivalent.

<sup>\*</sup> The ability of the candidate will be fully tested in the following:—"(1) To write sentences in English on a given theme, attention being paid to spelling and punctuation as well as to composition; (2) to write correctly from dictation; (3) to explain the grammatical construction of sentences; (4) to point out the grammatical errors in sentences ungrammatically composed, and to explain their nature; and (5) to give the derivation and definition of English words in common use."

FRENCH.—Charles XII., Two Books.

NATURAL PHILOSOPHY.—Ganot's Physics.

BOTANY.

ELEMENTARY CHEMISTRY.

# (b) Matriculation Examination of College of Physicians and Surgeons of the Province of Quebec.

The subjects of examination are as follows:—
Compulsory Subjects:—English, French, Latin, Arithmetic,
Algebra, Euclid, History, Geography, Belles-Lettres.

Optional Subjects:—Candidates can select any one of the following:—Greek, Natural and Moral Philosophy.

The Examinations will be held upon the 18th of September, 1884, at Quebec, and on the 7th of May, 1885, at Montreal. Applications to be made to Dr. F. W. Campbell, Montreal, or Dr. Belleau, Quebec, either of whom will furnish schedule giving text books and percentage of marks to be obtained.

Examination Fee, ten dollars. Should the candidate be unsuccessful, one half of the fee will be returned.

Of the four years study after having passed the Matriculation Examination, three six months' sessions, at least, must be attended at a University, College, or Incorporated School of Medicine, recognized by the "Provincial Medical Board." The first session must be attended during the year immediately succeeding the Matriculation Examination, and the final session must be in the 4th year.

# (c) Matriculation Examination of the College of Physicians and Surgeons of the Province of Ontario.

The official certificate of having passed the High School Intermediate Examination with Latin included and payment of fees of twenty dollars.

Graduates in Arts, or Students having Matriculated in Arts in any University in Her Majesty's Dominions are not required to pass this Examination, but may register their names with the Registrar of the College, upon giving satisfactory evidence of their qualifications, and upon paying the fee of Twenty Dollars.

### ENREGISTRATION AND PAYMENT OF FEES.

·The following are the University Regulations:

All Students desirous of attending the Medical Lectures shall, at the commencement of each Session, enrol their names and residences in the Register of the Medical Faculty, and procure from the Registrar a ticket of Enregistration, for which each Student shall pay a fee of \$5; excepting in the Clinical Classes, in which Enregistration for Students of other Schools shall not be compulsory.

The said Register shall be closed on the last day of October in each year. The fees are payable to, and all class tickets will be issued by, the Registrar, and must be paid in advance (except under special circumstances) at the time of enregistration.

Enregistration in the Summer Session is compulsory upon all Students, whether attending one or more of the Classes.

#### III.

### COURSES OF LECTURES.

- 1 Anatomy.—(Prof. Shepherd.)—Anatomy will be taught in the most practical manner possible, and its relation to Medicine and Surgery will be fully dwelt on. The lectures will be illustrated by the fresh subject, moist and dry preparations, sections, models and plates and drawings on the black-board.
- 2. Practical Anatomy.—[Drs. MacDonnell, Sutherland and R. J. B. Howard.]—Special attention is devoted to this important branch, the teaching being similar to that of the best European schools. The Dissecting-Room is open from 8 a.m. to 10 p.m.; the Demonstrators' hours are from 10 to 12 a.m., and 8 to 10 p.m. Special Demonstrations on the Brain, Thorax, Abdomen, Bones, etc., are frequently given. Every Student must be examined at least three times on each part dissected, and if the examinations are satisfactory a certificate is given. Prizes are awarded at the end of the Session for the best examination on the fresh subject. Abundance of material provided.
- 3. Chemistry.—[Prof. Girdwood.]—InorganicChemistry is fully treated; a large portion of the course is devoted to Organic Chemistry and its relations to Physiology. The branches of Physics bearing upon or connected with Chemistry also engage the attention of the Class. For experimental illustration, abundant apparatus is possessed by the Professor, among which may be enumerated, a powerful Air-Pump—Oxy-Hydrogen Microscope—Polariscope—extensive series of Models of Crystals, Electrical and Galvanic apparatus, Steam Engine, &c., &c.

- 4 Practical Chemistry.—[Prof. Girdwood.]—Thorough instruction is given in the different departments of Practical Chemistry in the Laboratory of the Faculty, under the personal supervision of the Professor. The course includes blow-pipe manipulations, qualitative and quantitative analysis, toxicological investigations, &c., &c. This class may be taken in the Summer Session.
- 5 Institutes of Medicine.—[Prof. Osler and Dr. Mills.]—Embraced in this course are the following classes:—

### (a) Physiology, comprising:

- A full course of didactic lectures upon the structure and functions of the various organs of the body in health. The lectures are illustrated by fresh preparations, diagrams, plates and models, and by experiments with apparatus.
- (2) Practical Physiology:—In addition to the demonstrations in the Lecture room, the senior members of the class have an opportunity of attending the following: (a) Physiological chemistry (weekly until Christmas), in which class each student works over the essentials of the chemistry of digestion, the secretions and the urine. (b) A special demonstration course in Experimental Physiology (weekly, after Christmas) with the use of apparatus.
- (3) Histology.—Ist. Normal. A bi-weekly course of lessons throughout the session. Microscopes, re-agents and material provided. It comprises thorough instruction in the use of the Microscope and the preparation of the tissues, each Student preparing for himself during the course a cabinet of 100 or more specimens. 2nd. Pathological, including the Microscope in relation to Practical medicine. Bi-weekly in the Summer Session.

### (b) Pathology, comprising.

- (1) Twenty lectures on General Pathology to the students of the 3rd year.
- (2) Pathological Demonstrations—weekly—Saturday, 10 a.m. This course is based upon, and conducted, as far as possible, in the same way as that of Prof. Virchow, at the Berlin Pathological Institute. Specimens of all kinds are collected throughout the week, kept until Saturday, and then brought before the class, when practical comments are made upon them.
- (3) Instruction in Post-Mortems—The Autopsy Room of the General Hospital is in charge of the Professor, and the post-mortems are performed by the Students in rotation, under his supervision. System and thoroughness in inspection are insisted upon, the method followed being that of Virchow. As far as possible, attention is drawn to the Medical Anatomy of the thoracic and abdominal organs. In connection with this class, aided by the Professor of Medical Jurisprudence, two Coroners' Inquests will be conducted during the Session before the class, and the Medico-legal aspects of post-mortems dwelt upon.

Materia Medica and Therapeutics.—[Prof. Stewart.]—The course on this subject deals for the most part with the pharmacology and therapeutics of the

different medicinal agents. A good deal of attention will be given to the "untoward effects" of drugs, and when possible these effects will be illustrated by the exhibition of living specimens.

The leading officinal agents of the British Pharmacopœia will be fully con sidered, as will also those drugs of recent introduction into practice which have been found useful, but have not, as yet, found their way into the Pharmacopœia. The following groups of medicinal agents will, on account of their great importance, receive special attention:—(1) Cardiac Tonics, (2) Cardiac Depressants, (3) Motor Stimulants, (4) Motor Depressants, (5) Anæsthetics, (6) Analgesics, (7) Mydriatics, (8) Alteratives, (9) Hæmatinics, (10) Astringents, (11) Purgatives,

(12) Digestants, (13) Nutritives, (14) Antiseptics, (15) Antipyretics.

7 Theory and Practice of Medicine.—[Prof. Howard.]—While the lectures on this subject are mainly devoted to Special Pathology and Therapeutics, the department of General Pathology in this University being included in the Institutes of Medicine, no opportunity is lost of illustrating and explaining the general laws of disease. With the exception of certain affections seldom or never observed in this country, all the important diseases of the body, not described from the chairs of Surgery and Obstetrics, are discussed, and their Pathological Anatomy illustrated by the large collection of morbid preparations in the University Museum, and by fresh specimens contributed by the Demonstrator of Morbid Anatomy.

The College possesses an extensive series of Anatomical plates illustrative of the histological and anatomical appearances of disease, and the wards of the General Hospital afford the lecturer ample opportunities to refer to living examples of very many of the maladies he describes, and to give the results of treatment.

- 8 Clinical Medicine.—[Prof. Ross.]—Attendance is given in the Medical Wards of the Montreal General Hospital on three days of every week with the 3rd year students and three days with the 4th year men. Accurate reports of all cases are kept by duly appointed clinical clerks, and are systematically read before the class. Instruction is given by the bedside, and special inducements are offered to every pupil to take part in the physical examination of patients. The mode of conducting investigations, the use of the microscope, the value of the thermometer and ophthalmoscope, etc., in Medical Diagnosis, are all explained and illustrated. Senior Students are called upon in rotation to examine new cases before the class, and to be examined thereon as to their general knowledge. In addition, one weekly Clinical Lecture is delivered, bearing upon some case or cases of importance which may happen to be under observation at the time. Special attention is directed to Medical Anatomy, and candidates for the degree will be examined thereon.
- **9 Surgery.**—[Prof. Fenwick.]—The lectures on this subject are divided into, 1st. Surgical Pathology, illustrated by a large collection of preparations from the College Museum, also specimens as they are obtained from cases under observation at the Hospital, and contributed to that collection by the Hospital pathologist and from private sources. The second part of the course is devoted to the practice of

Surgery, in which attention is drawn to cases which have been observed by the class during the previous summer session. The various surgical apparatus are exhibited, and their uses and application explained. Surgical Anatomy and Operative Surgery forms a special department of this course, and Quain's and Maclise's plates are used in illustration.

10 Clinical Surgery.—[Prof. Roddick.]—This course is eminently practical, consisting of bedside instruction and lectures delivered weekly, illustrative of Surgical cases actually present in the wards of the General Hospital. The class is separated into junior and senior divisions which are taken charge of by the Teacher on alternate days, when the reports of the Clinical clerks are read and criticized, and fresh cases are examined by the senior Students. The Surgical dressings are, as much as possible, reserved for these occasions, so as to give all present an opportunity of participating in the application of splints to fractures, dressing of wounds, minor operations, etc. Major operations are performed in the theatre attached to the Hospital, which is so constructed that the most distant can obtain a fair view of the operation. All of the recently invented appliances for the treatment of Surgical disease have been introduced into the Hospital.

11 Midwifery.—[Prof. Browne].—This course will embrace (1) Lectures on the principles and practice of the obstetric art, illustrated by diagrams, fresh and preserved specimens, the artificial pelvis, &c. (2) Bedside instruction in the Lying-in-Hospital, including the management and after-treatment of cases; (3) A complete course on obstetric operations with the phantom and preserved fectuses, in which each final student will perform the various manipulations and operations (4) The Diseases of Infancy.

12 Gynæcology.—[Prof. Gardner.]—The course on this subject will comprise two lectures a week throughout the session. The anatomy and physiology of the parts concerned will be first discussed. Then the various methods of examination will be fully described, the necessary instruments exhibited and their uses explained. After this the diseases peculiar to the sex will be considered as fully as time will permit in the following order:—Disorders of Menstruation; Leucorrhoea, its causes and treatment; Pelvic Cellulitis and Peritonitis; Lacerations of the Cervix Uteri and Perineum; Urinary and Fæcal Fistulæ; Inflammations of the Uterus; Displacements of the Uterus; Tumours of the Uterus; Diseases of the Ovaries.

The lectures will be illustrated as fully as possible by drawings and morbid specimens. The gynæcological clinic of the University Dispensary furnishes the Professor with ample material to illustrate the subjects considered in the didactic lectures.

13 Medical Jurisprudence.—[Prof. Wilkins.]—This course includes Insanity, the subject being treated of in its Medical as well as Medico-legal aspects. Special attention is devoted to the subject of blood stains, the Clinical, Microscopic and Spectroscopical tests for which are fully described and shown to the class. The various spectra of blood in its different conditions are shown by Zeiss' Micro-

spectroscope, so well adapted for showing the reactions with exceedingly minute quantities of suspected material. Recent researches in the diagnosis of human from animal blood are alluded to. In addition to the other subjects usually included in a course of this kind, Toxicology is taken up. The modes of action of poisons, general evidence of poisoning and classification of poisons are first treated of, after which the more common poisons are described with reference to symptoms, postmortem appearances, and chemical tests. The post mortem appearances are illustrated by plates, and the tests are shown to the Class.

- 14 Hygiene and Public Health.—[Dr. MacDonnell.]—A three months' course of Lectures will be delivered on this subject, the attendance upon which is now compulsory. The course comprises lectures on Drinking water and Public water supplies; conditions of Soil and Water as affecting health, including Drainage and the various methods for the removal of Excreta; the Atmosphere, including Heating and Ventilation; Individual Hygiene, comprising the subjects of Food and Drink; Physical Exercise and Bathing; discussion of the respective merits of the various forms of each, precautions, contra-indications, etc. Village Sanitary Associations; Mutual Protective Sanitary Associations for cities.
- 15 Ophthalmology and Otology.—[Dr. Buller.]—Will include a course of lectures on diseases of the Eye and the Ear, both Didactic and Clinical. In the former the general principles of diagnosis and treatment will be dealt with; in the latter, cases illustrative of the typical forms of ordinary diseases of these organs will be exhibited and explained to the class, and afterwards placed under the special care of gentlemen who may show themselves competent to take charge of them. A Course of Operations on the Cadaver will be open to such Students as may wish to avail themselves of the same.
- 16 Botany and Zoology.—[Prof. Penhallow.]—The course in Botany is illustrated by specimens, diagrams, models, and the microscope. Students have access without any additional fee to the lectures in Zoology in the Faculty of Arts, and to the Natural History Museum of the University and the Museum of the Natural History Society of Montreal.

Students have an opportunity of attending a course of eight lectures on the Parasitic Diseases of Man and the Domestic Animals. (Prof. Osler.) The life, history and development of the Entozoa, together with the diseases caused by them, are fully considered. The lectures are illustrated by a series of beautiful diagrams, and by fresh and prepared specimens.

The following are extracts from the University Regulations with respect to the courses of Lectures:

1st. Each Professor shall deliver at least five Lectures during the week, except in Medical Jurisprudence and Botany, if extended through six months, in which case three Lectures a week will suffice.

2nd. Every Lecture shall be of one hour's duration.

3rd. Every Professor shall occasionally examine his class upon the subjects treated of in his preceding Lectures, and every such examination shall be considered a Lecture.

4th. A roll of the names of the Students attending each class shall be called from time to time.

IV.

## QUALIFICATIONS FOR THE DEGREE.

The following are extracts from the Regulations respecting the qualifications of Candidates for the Degree in Medicine :

No one entering after October first, 1884 will be admitted to the Degree of Doctor of Medicine and Master of Surgery, who shall not have attended Lec tures for a period of at least four six months' sessions and one three months' sum mer session\* in this University, or some other University, College, or School of Medicine, approved of by this University.

2nd. Candidates for the Final Examination shall furnish Testimonials of attendance on the following branches of Medical Education, viz.:—

Anatomy.
Chemistry.
Materia Medica and Pharmacy.
Institutes of Medicine.
Principles and Practice of Surgery.
Midavifery and Diseases of Women and Children.
Theory and Practice of Medicine.
Practical Anatomy.
Clinical Medicine.
Clinical Surgery.

Of which two Courses will be required of six months' duration.

Medical Jurisprudence.

Of which one Conrse of six month, or two Courses of three months will be required.

Practical Chemistry. Botany or Zoology. Hygiene. Of which one Course will be required of three months' duration.

And a Course of not less than twenty-five Demonstrations upon Microscopic Anatomy, Physiology, and Pathology.

Provided, however, that Testimonials equivalent to, though not precisely the same, as those above stated may be presented and accepted.

3rd. The Candidate must give proof by ticket of having attended during eighteen months the practice of the Montreal General Hospital, or that of some other Hospital approved of by this University, and have compounded medicines for six months.

<sup>\*</sup> To be taken after 3rd winter session.

- 4. He must also give proof by ticket of having attended for at least six months the practice of the University or other Lying-in-Hospital approved of by this University, and of having attended at least six cases of accouchement.
- 5. No one will be permitted to become a Candidate for examination who shall not have attended at least one Session of this University, and one full course of all the branches included in its curriculum.
- 6th. Courses of less length than the above will only be received for the timeover which they have extended.

7th. Every Candidate for the Degree must, on or before the fifteenth of February, present to the Dean of the Medical Faculty testimonials of his qualifications, entitling him to an examination, and must at the same time deliver to the Dean of the Faculty the following Certificate:—

MONTREAL, —— 18—

I, the undersigned, being desirous of obtaining the Degree of Doctor of Medicine and Master of Surgery, do hereby declare that I have attained the age of twenty-one years, or (if the case be otherwise), that I shall have attained the age of twenty-one years before the next graduation day, and that I am not (or shall not be at that time, under articles as a pupil or apprentice to any Physician, Surgeon, or Apothecary.

(Signed), A.B.

8th. The trials to be undergone by the Candidate shall be such as are referred to under Section V.

9th. The following Oath or affirmation will be exacted from the Candidate before receiving his degree:

#### SPONSIO ACADEMICA.

In Facultate Medicinæ Universitatis.

Ego, A——B——, Doctoratus in Arte Medica, titulo jam donandus, sancto coram Deo cordium scrutatore, spondeo;—me in omnibus grati anim officiis erga hanc Universitatem, ad extremum vitæ halitum, perseveraturum; tum porro artem medicam caute, caste, et probe exercitaturum; et quoad in me est, omnia ad ægrotorum corporum salutem conducentia, cum fide procuraturum; quæ denique, inter medendum, visa vel audita silere conveniat, non sine gravi causa vulgaturum. Ita præsens mihi spondenti adsit Numen.

10th. The Fee for the Degree of Doctor of Medicine and Master of Surgery shall be thirty dollars, to be paid by the successful candidate immediately after examination, together with a Registration fee of one dollar.

#### V.

#### EXAMINATIONS.

In each class a weekly examination is held to test the progress of the Student; and in addition two or three written examinations are given throughout the Session.

The examinations at the close of each Session are arranged as follows:

#### Ist Year-

HISTOLOGY. BOTANY. CHEMICAL PHYSICS.—including.—Molecular Forces, Heat, Light, Electricity and Magnetism.

2nd Year-Primary, Pass Examination.

ANATOMY.

PRACTICAL ANATOMY.

PHYSIOLOGY.

CHEMISTRY.

PRACTICAL CHEMISTRY.

3rd Year-

MATERIA MEDICA.

MEDICAL JURISPRUDENCE WITH TOXICOLOGY.

HYGIENE.

GENERAL PATHOLOGY.

4th Year-

MEDICINE.

SURGERY.

MIDWIFERY.

CLINICAL MEDICINE.

CLINICAL SURGERY.

By means of the above arrangement a certain definite amount of work must be accomplished in each year, and an equitable division is made between the Primary and Final branches.

With regard to the Primary Examination at the end of the 2nd Year, it remains optional with the Student whether he passes in all the branches or leaves two for the 3rd Year. In any case, Chemistry and one other must be taken at the close of the 2nd Year.

#### VI.

### MEDALS AND PRIZES.

rst. The Holmes Gold Medal, awarded to the Student of the graduating class who receives the highest aggregate number of marks for the best examinations, written and oral, in both Primary and Final Branches.

2nd. A prize in books awarded for the best examination, written and oral, in the Final Branches. The gold medalist is not permitted to compete for this prize.

3rd. A prize in books awarded for the best examination, written and oral, in the Primary Branches.

4th. The Sutherland Gold Medal, awarded for the best examination in Theoretical and Practical Chemistry, together with creditable examination in the Primary Branches.

A prize in books for the best examination in Practical Anatomy. A prize of \$25 for best collection of Plants.

Candidates must be Students in Botany of the previous Session, and the collections or duplicates of them must remain in the College Museum

#### VII.

#### FEES.

Distributed according to years, the class fees are as follows:

#### FIRST YEAR.

Anatomy Institutes of Medicine, Physiology and Pathology, including Demonstra-		00
tions	16	00
Chemistry	12	00
Practical Anatomy	12	00
Dissecting Material	5	00
Enregistration	5	00
	5	00
Total	\$67	00

<sup>\*</sup> May be taken at the end of Second Year.

#### SECOND YEAR.

The same, without Botany, but with Hygiene, \$6, Practical Chemistry and Materia Medica \$12 each—Total	\$92	00
the support of the property of the support of the s		

#### THIRD YEAR.

Medicine	\$12	00
Medicine Materia Medica	12	00
Materia Medica	12	00
Clinical Medicine	12	00
Surgery	12	
Clinical Surgery		00
Midwifery and Gynaecology		
Med. Jurisprudence		00
Enregistration	5	00
Diricg in the second se		-
Total	\$87	00
10.41.		

#### FOURTH YEAR.

The same, with the omission of Jurisprudence, and Materia Medica-Total \$65 00

#### HOSPITAL FEES.

Montreal General Hospital, Perpetual Ticket	
University Lying-in Hospital	11
	\$28 00
Graduation Fee	\$30 00
Matriculation Fee, payable only if the Student takes the University	
Matriculation	
Total Collegiate and Hospital expenses, spread over four years, about	it\$370

First Year Students are advised to take out the Hospital ticket, and attend the out-door practice.

It is to be understood that a Student wishing to take any other class than those of his year can do so on payment of the class fee.

Fees are payable in advance, to the Registrar, at the time of enregistration.

#### VIII.

### TEXT BOOKS.

### Prices current in Montreal

ANATOMY.—Gray, \$6; Wilson, \$4; Quain, (Eng. Ed.) \$9.75.

PRACTICAL ANATOMY.—Heath's Dissector, \$4.50; Ellis' Dissector, \$4.25; Holden's Dissector \$5.00 and Landmarks \$1.00.

CHEMISTRY.—Fownes, \$2.25; Miller \$1.00; Roscoe, \$1.20.

PRACTICAL CHEMISTRY.—Odling, \$1.75; Galloway, Fresenius \$5.00 MATERIA MEDICA.—Therapeutics.—

Wood, \$6.00. Scoresby Jackson, \$3.75 and Whitla.

INSTITUTES OF MEDICINE. - Physiology. - Huxley's Elementary Lessons \$1.35; with either Dalton (7th Edit. \$5.00); Kirke, \$4.25 or Foster (Am. Edit., \$3.25). Pathology.-Virchow on Post-Mortems, \$1.00; Green, \$2,50.

HISTOLOGY. - Osler, 75c.

Surgery.—Holmes' Surgery, (Eng. Ed.) \$9.00; Erichsen, \$3.50; Druitt, \$4.00; Bryant, \$6.50.

PRACTICE OF MEDICINE.—Flint, \$5.50; Roberts, \$5.00; Bristowe, \$5.00; DaCosta, \$6.00.

MEDICAL JURISPRUDENCE.—Taylor, \$5.00; Guy and Ferrier, \$3.75.

MIDWIFERY.—Lusk, \$5.00; Playfair, \$4.00; or Leishman, \$4.50.

GYNÆCOLOGY.-Edis, \$3.00; Goodell's Lessons, \$4.00; Hart and Barbour's Manual \$7.50.

Hygiene.—Parks, \$5.50; Wilson, (Eng. Ed.) \$3.25.

#### IX.

#### MUSEUM.

Most of the usual Pathological Specimens are collected here, obtained from Hospital and private practice. They are largely used in illustrating the lectures on Medicine and Surgery. There are also wax and papier-maché models.

In the past year the Museum has undergone a thorough revision, and a large number of specimens have been added. A printed catalogue is in course of preparation.

Graduates of the University are invited to contribute specimens.

The Curator will be in the Museum every Saturday at 11 a.m. to demonstrate and explain the preparations to any students who may care to attend.

X.

### LIBRARY.

The Library of the Medical Faculty now comprises between eight and nine thousand volumes, the largest special library connected with any medical school on the continent.

The standard text-books and works of reference, together with complete files of the leading periodicals are on the shelves. Students may obtain books on making a deposit of \$5.00, which is refunded on returning the volumes.

XI.

### McGILL MEDICAL SOCIETY.

This Society, composed of enregistered Students of the Faculty, meets once a week during the Summer Session, and fortnightly during the Winter, for the reading of papers and the discussion of medical subjects. It is presided over by a physician chosen by the members.

A reading room has been established in connection with the Society, in which the leading English and American Medical Journals are on file.

XII.

### COST OF LIVING, &c.

This will, of course, vary with the tastes and habits of the Student, but the necessary expenses need not exceed those in smaller towns.

Good Board may be obtained from \$15 to \$20 per month. A list of Boarding-houses is prepared annually by the Secretary of the University, and may be procured from the Janitor at the Medical College.

#### XIII.

#### HOSPITALS.

### MONTREAL GENERAL HOSPITAL.

The Montreal General Hospital is the most extensive clinical field in the Dominion. A much larger number of in-door and out-door patients receive treatment there than in any other Canadian Hospital. Last year's report shows that 2127 Medical and Surgical cases were treated in the wards, and the great proportion of these were acute cases, as may be gathered from the fact that the average duration of residence was only 23.6 days.

The large number of out-door patients that are treated in the Hospital—averaging from sixty to seventy daily—supply illustrations of most of the diseases of infants and children, of very many of the eye and skin, and of those chronic and ill-defined ailments which, as they do not require admission to the wards of a hospital, would not otherwise come under the observation of the Student.

The large number of patients affected with diseases of the eye and ear, now attending the out-door department, will afford Students ample opportunity to become familiar with all the ordinary affections of those organs, and to make themselves proficient in the use of the ophthalmoscope, and it is hoped that every student will thus seek to gain a practical knowledge of this important branch of Medicine and Surgery. Operations are performed on the eye by Dr. Buller, after the out-door patients have been seen, and Students are invited to attend the same, and, as far as practicable, to keep such cases under observation so long as they remain in the Hospital.

The shipping contributes many examples of accidents and surgical cases.

CLINICAL CLERKS to both medical and surgical wards are appointed every three months, and each one during his term of service

conducts, under the immediate directions of the Clinical Professors, the reporting of all cases in the ward allotted him. The holding of one of these offices is found to be of the greatest possible advantage to Students, as affording a true *practical* training for his future professional life. They will be awarded on application at the end of each Session to final Students of that year, in order of their standing in the primary examination.

Dressers are also appointed to the Surgical wards and to the Out-door Department. For these appointments application is to be made to the Professor of Clinical Surgery, and to the Out-door attending Physicians and Surgeons.

The Operating Room (used also for a lecture room) is so constructed as to enable the Students to obtain a good view of the operations.

### MONTREAL DISPENSARY.

ST. ANTOINE STREET.

About 10,000 patients yearly are treated at this Institution. The cases are of great variety, comprising a large number of pulmonary affections and children's diseases. Minor operations are of daily occurrence, and excellent practice is afforded in the application of splints and bandages. The attending Physicians furnish Students with all possible facilities. The hours of attendance are from 12-2 daily.

### UNIVERSITY LYING-IN HOSPITAL.

This is under the direction of the Professor of Midwifery. Students who have already attended one course of his lectures are furnished with cases in rotation; they are advised to attend this Institution as much as possible duing the summer, when, since there are as many patients and not so many pupils as in winter, a larger proportion of cases falls to the share of each.

### UNIVERSITY DISPENSARY.

This Dispensary was established two years ago for special clinical instruction in Diseases of Women; and special clinics have been established at the same place, for Diseases of Children, Diseases of the Skin, and for Diseases of the Nervous System.

Diseases of Women.—The difficulty of affording to Senior Students practical instruction in gynæcology is felt in most schools, as women will not present themselves for examination before a large class of men. The plan followed for the past five years with marked success has been the limitation of the number of Students to two or three, who, in rotation, assist at the examinations, and receive instruction in the diagnosis and treatment of uterine diseases and the use of gynæcological instruments. The attendance is on Tuesdays, Thursdays and Saturdays, 1-4 p.m.

Diseases of Children.—The clinic is on Tuesdays, Thursdays and Saturdays at 11 a.m., when the patients are seen and instruction given on the cases.

Diseases of the Skin.—The Surgeon in charge will attend every Monday and Friday at 2 p.m. Arrangements will be made whereby a limited number of students can be present on each occasion.

Diseases of the Nervous System.—The Physician in charge will attend every Monday and Friday at 11 a.m. Students will have an opportunity in this clinic of seeing and examining many of those obscure and chronic diseases of the brain and spinal cord which are now attracting so much attention in the medical world.

### XIV.

### STUDENTS' APPOINTMENTS.

Resident Medical Officers Montreal General Hospital, 3 annually, April 10.

Out-door Dressers.

Dressers in Eye and Ear Department.

Surgical Dressers (In-door).

Medical Clinical Clerks.

Post-mortem Clerks.

Clinical Clerk, Gynæcology.

- " Diseases of Children.
- " " Dermatology.
- " Diseases of Nervous System.

Obstetrics.
Student Demonstrators of Anatomy, 4 3rd-year students.
Prosectors to Chair of Anatomy, 2.
Assistants in Practical Histology Course, 2.
Assistants in Practical Physiology Course, 4.

Assistants in Practical Physiology Course, 4. Assistants in Practical Chemistry, 2.

#### XV.

### RULES FOR STUDENTS.

1. In the case of disorderly conduct, any Student may, at thediscretion of the Professor, be required to leave the Class-room. Persistence in any offence against discipline after admonition by the Professor shall be reported to the Dean of Faculty. The Dean may, at his discretion, reprimand the Student, or refer the matter to the Faculty at its next meeting, and may in the interval suspend from Classes.

2. Absence from any number of lectures can only be excused by necessity or duty, of which proof must be given, when called for, to the Faculty. The number of times of absence, from necessity or duty, that shall disqualify for the keeping of a Session shall in each case be determined by the Faculty.

3. While in the College Students are expected to conduct themselves in the same orderly manner as in the Class-room.

4. When Students are brought before the Faculty under the above rules, the Faculty may reprimand, impose fines, disqualify from competing for prizes and honors, suspend from Classes, or report to the Corporation for expulsion.

### XVI.

### PAST SESSION.

The total number of students enregistered in this Faculty during the past year was 209, of whom there were, from—

Ontario,	IIO	New Brunswick,	22
Ouebec,	50	P. E. Island,	5
Nova Scotia,	5	Newfoundland,	2
Manitoba,	I	West Indies,	3
	United	States, II	

The following gentlemen, 40 in number have passed their Primary Examination on the following subjects: Anatomy, Practical Anatomy, Chemistry, Practical Chemistry, Materia Medica and Pharmacy, Institutes of Medicine and Botany or Zoology. Their names and residences are as follows:

Armitage, Joseph H	Newmarket O
Birkett, Herbert S	Hamilton O
Cameron, Duncan A	Strathron O
Corsan, Douglas	Woodstool O
Clark, J. L.	Waterland
Craig, Murdock A	Classification, Q.
Crocket, W. C., B.A	End water, O.
Doherty, W. W	· · · · · · · · · · · · · · · · · · ·
Duffett, John L	
Elder, John, B.A	Leeds, Q.
Gairdner Thos M	Huntingdon, Q.
Gairdner, Thos., M	Bayheld, O.
Gladman George I	Cowansville, Q.
Gladman, George J	Lindsay, O.
Grant, J. H. Y	·····Ottawa, O.
Gustin, Smith	London, O.
Hughes, P. H	Strathroy, O.
Kinloch, John A	Montreal, Q.
McCoolin W. J.	····. Duart, O.
McCuaig, Wm. J	Vankleek Hill, O.
McDonald, H. J	Alexandria, O.
McGannon, Thos. G	··· Prescott, O.
McMeekin, Jas. W	St. Catherines, O.
McKay, J. M	River John, N.S.
Falmer, Guy F	Ottawa. O.
Platt, Alf. T	Picton, O.
Powne, N. G	Nashville, Ten.
Fringle, W. P	Cornwall, O.
Raymond, G. H., B.A	Springfield, N.B.
Raymond, Alf	Moulinette, O.
Kobertson, F. D	I.ennoxville. ().
Rowat, W. M.L	Manotic, O.
Schmidt, A. J,	Faribault, Minn.
Seery, F. J	Fredericton, N.B.
Smith, W. A	Montreal, O.
Turnbull, A. Russell	Russell, O.
White, W. W., B.A	St. John, N.B.

White, F. J	. Greens Pond, Nfld.
Wilson, Chas	. Cumberland, O.
Wishart, D. J., B.A	. Madoc, O.
Westhington A Norreys	.Sherbrooke, Q.
Worthington A Norreys	.Sherbrooke, Q.

The following gentlemen, 34 in number, have fulfilled all the requirements to entitle them to the degree of M.D., C.M. from the University. In addition to the Primary subjects as mentioned above, they have passed a satisfactory examination, both written and oral, on the following subjects; in addition to those included in the above mentioned "Primary Examination": Principles and Practice of Surgery, Theory and Practice of Medicine, Obstetrics and Diseases of Women and Children, Medical Jurisprudence and Hygiene,—and also Clinical Examinations in Medicine and Surgery conducted at the bedside in the Hospital:

Addison, Jas. L	West Flamboro, O.
Addison, Jas. L	Fenagh Vale, O.
Barrett, Jos. A	Pembina Dacotah.
Clarke, Henry J	Aulmor O
Church, John R	Aultorilla O
Cook, Sheldon E	Auttsville, O.
Davies, Thos. B	New Edinburgh, O.
Duncan, John A	Duncanville, O.
Elderkin, Edwin, J	Apple River, N.S.
Ferguson, W. A., B.A	Richibucto, N.B.
Gooding, Chas. E	Barbadoes, W. I.
Graham, Geo. A	Hamilton, O.
Hutchison, Jas. A	Goderich, O.
Johnson, C. H	Almonte, O.
Johnston, Wyatt G	Sherbrooke, Q.
Kelly, Patrick N	Rochester, Minn.
Landor, Thos. H	London, O.
McLellan, Jas. H	Summerside, P.E.I.
McInerney, Jas. P	Kingston, N.B.
McClure, Wm. B.A	Lachute, O.
McLean, G. N., B.A	Pictou, N.S.
Meahan, John C	Bathurst, N.B.
Mamitt David D. D. A	Ottawa O
Merritt, David P., B.A	Montreal ()
Nelson, W. M. F	Rundonall O
O'Brien, Timothy	Dombroko O
Porteous, Wm	Tembroke, O.
Renner, W. Scott	Jordan Station, U.

Ross, L. D.	
Rowell, Geo. B	Montreal, Q.
Ruttan, Robt F R A	Abbottsford, Q.
Ruttan, Robt. F., B.A. Smith, E. H.	Napanee, O.
Smith, W. A., De W	····· Prescott, O.
Smyth, H. E	Montreal, Q.
Walker, Felix D	worcester, Mass.
Wilson, Samuel F., M.A	Milletness, P.E.I.
Vice TT . 1'	Nillistream, N.B.

Messrs. Hutchison and E. H. Smith are under age and await their majority before receiving the degree. Messrs. W. Johnston, Church and McClure, natives of the Province, await the completion of four years from the date of matriculation before receiving the degree.

The following have passed in Anatomy and Practical Anatomy:

Grey, J. E. Orton, F. H.

Morgan, V. H. Williams, J. F.

Schmidt, A. F.

Practical Anatomy:

Carter, L. H.

Graham, J.

Cattanach, Walter C.

### The following have passed in Chemistry:

Boone, S. W. Cameron, K. De Cow, Douglas McG. Earl, E. H.

Grant, A.
Haythorne, T. J.
McMillan, A. D.
Owens, J. G.
Pomeroy, L. G. M.

Poole, Alf. Ross, L. F., Stewart, W. G. Stephen, G. C. Wilkins, H. P.

### Practical Chemistry:

Blackader, E. H. P. Boone, S. W. Brown, W. D. Cunningham De Cow, Douglas McG. Flagg, J. D.

Gardner, G. C.
Gray, J. E.
Kennedy, R. A.
Kirkpatrick, R. C.
McKay, Eng.
Morgan, V. H.
Wilkins, H. P.

Orton, T. H.
Pomeroy, L. E. M.
Poole, Alf.
Ross, L. F.
Schmidt, Aug. F.
Stephen, G. C.

### The following have passed in Materia Medica:

Carter, L. H.
De Cow, Douglas McG.
Gray, J. E.
Haythorne, T. J.
Kennedy, R. A.

Kirkpatrick R. C. Morgan, V. H. McKay, Eugene Owens, J. G. Orton, F. H. Williams, Jas. F.

Poole, Alf. Ross, L. F. Stephen, G. C. Schmidt, A. F. Wilkins, H. P. The following have passed in Physiology:

Carter, L. H. De Cow, Douglas McG. Gray, J. A. Johnstone, H. V.

Kirkpatrick, R. A.

Kennedy, R. A.

Kirkpatrick R. C. Morgan, V. H. MacKay, Eugene McMillan, G. A. Orton, F. H.

Poole, Alf. Ross, L. F., B.A. Schmidt, A. F. Stephen, G. C. Williams, Jas. F.

The following have passed in Medical Jurisprudence:

Finley, F. G. Allan, F. H. B. Groves, Wesley Armitage, T. H. Gustin, Smith Arthur, R. H. Hallett, E. O. Aylen, P. Hanna, A. Baird, T. A. D. Hurdman, H. T. Barrett, J. A. Harkin, Fred. Burrows, F. N. Irvine, R. T. Carter, L. H. Johnson, C. H. Campbell, A. W. Johnson, H. D. Cassidy, G. A. Klock, Wm. H. Cattanach, W. C. Macdonald, H. J. Corsan, Douglas McCormack, N. Daly, W. G. McClure, Wm., B.A. Darey, J. H., B.A. McGannon, M. C. Dazé, H. McKenzie, J. T. Eberts, D. W. McLellan, J. H. Ferguson, W. A., B.A.

The following have passed in Hygiene:

Allan, J. H. B. Armitage, T. H. Arthur, R. H. Baird, T. A. Boggs, G. W. Bowen, W., B.A. Burrows, F. Campbell, A. W. Carter, L. H. Cassidy, A. Cattanach, W. G. Corsan, D. Craig, M. A. Daly, W. S. Darey, J. H., B.A. Dazé, H. Doherty, W. W.

Eberts, D. W. Finley, F. G. Flagg, J. D. Groves, W. Hallett, E. Hanna, A. E. Harkin, F. Hurdman, R. F. Irvine, R. T. Johnson, H. D. Johnstone, H. V. Klock, W. H. Mattice, J. L. McCormack, H. McDonald, H. J. McGannon, M. C. McLellan, J.

McMeekin, J. W. McMillan, D. L. McPherson, D. T. Merritt, D. P. Osborne, Alex. B. Owens, J. G. Palmer, G. F. Platt. A. T. Powell, F. H. Robertson, A. McD. Ruttan, R. F., B.A. Shibley, J. L., B.A. Trapnell, H. E. Tupper, Freeman Wood, E. G. Wilson, J. A. R.

McMeekin, J. Mattice, J. L. McMillan, D. L. McPherson, D. F. Osborn, A. B. Owens, J. G. Palmer, G. F. Platt, A. T. Pomeroy, I., E. M., B.A. Powell, F. H. Robertson, A. McD. Shibley, J. L., B.A. Stephen, Geo. C. Trapnell, H. E Wilson, J. A. K. Wood, E. G.

## The following have passed in Pathology:

Allan, J. H. P.	Eberts, D. W.	McMeekin, J. W.
Aylen, P.	Ferguson, W. A., B.A.	McDonald, H. J.
Armitage, T. H.	Finley, F. G.	McMillan, D. I
Arthur, R. H.	Gustin, Smith	McPherson, D. T.
Baird, T. A. D.	Groves, W.	Merritt, D. P.
Barrett, J. A.	Hanna, A.	Osborne, Alex. B.
Burrows, F. N.	Hallett, E. O.	Owens, J. G.
Campbell, A. W.	Harkin, F. M.	Palmer, G. F.
Cameron, D. H.	Hurdman, H. T.	Platt, A. T.
Carter, L. H.	Irvine, Robt: T.	Powell, F. H.
Cassidy, G. A.	Johnstone, H. V.	Robertson, A. McD.
Cattanach, W. C.	Johnson, H. D.	Ruttan, R. F., B.A.
Corsan, Douglass	Klock, W. H.	Shibley, J. L., B.A.
Craig, M. A.	McClure, Wm., B.A.	Trapnell, H. E.
Daly, W. S.	McCormack, W.	Wilson, J. A. R.
Dazé, H.	McGannon, M. C.	Wood, E. G.
Darey, J. H, B.A.	McLellan, J. H.	

### The following have passed in Physics:

Aborn, J. P.	Flagg, D. J.	Pomeroy, L. E. M.
Berry, J. A.	Fraser, J. M.	Pringle, W. P.
Boggs, G. W.	Gardner, A. W.	Powne, M. G.
Boone, S. W.	Grant, A. J.	Richardson, G. C.
Boyd, J.	Hall, W.	Ritchie, A. F.
Cameron, K.	Hall, A. G.	Ross, D. L.
Christie, W.	Haentschel, C. W.	Schmidt, A. F.
Cowie, A. W.	Holden, E. D.	Scully, D. J.
Donald, W. M.	Johnson, J. M.	Sinclair, Duncan
Easton, C. L.	Kelly, J. A.	Stephen, G. C.
Edgar, C. J.	Lafleur, H. A.	Stewart, W. G.
Ellis, W. E.	McDonald, D. D.	Williams, J. F.
Evans, E. J.	McDonald, A. D.	Williams, S. P.
Fillmore, E.	Norman, T. J.	Wilkins, H. P.

### The following have passed in Botany:

Powne, N. G. Dickson, J. A. Norman, S. J. Fraser, J. M. Hall, Wm Evans, C. J. McDonald, D. D.	Ist Edgar, E. J  Ist McDonald, A. D  Ist Pringle, N. R  Ist Scully, D. J  Ist Haentschel, A. W  Ist Williams, S. P	Ist Ist Ist
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			Class
	Class		3rd
+ 1	2nd	Fillmore, E. W	
Ferguson, J. A	a	Boggs, G. W	3rd
Donald, W. M	zna	Doggs, G.	3rd
Donaid, T. W.	2nd	Cameron, J. J	1
Johnson, J. W	and	Quirck, E. L	0
Easton, C. L	211(1	Berry, J. A	3rd
Kelly, J. A. A	2nd	Berry, J. A	3rd
Kelly, J. M. II	2nd	Boyd, J	1
Brunette, J. F	and	Bowen, Wm	2.0
Cowie, A. M	Zild	TT A T	. 3rd
Richardson, G. L	2nd	Hamer, A. L	. 3rd
Richardson, G. E.	and	Parker, W. D	. 5.
Ross, D. L	a. d	Pothier, C. J	. 5
Aborn W. H		Totmer, C. J. T. C.	. 3rd
THE W C	2nd	Ferguson, W. D. S	1
Ellis, W. G	and	Davis, A. H	. 2.0
Loucks, F	7	Giles, A. B	. 3rd
Hall, A. G	2nd	Glies, A. D	. 3rd
Hall, A. G		Aylen, J. P	7
	ard	Ritchie, R. F	. 2
Sinclair, D	314	THE I WE TO A	. 3rd
McKinnon, H	3rd	Woodruff, F. A	
MCKillion, 11			

## The following have passed in Histology:

Aylen, P. Berry, J. A. Boggs, G. W. Boone, S. W. Bowen, Wm. Boyd, J. Cameron, K. Christie, W.	Ferguson, J. A. Ferguson, W. D. Fillimore, E. Flagg, J. D. Fraser, J. M. Gardner, A. W. Grey, J. E. Hall, A. G.	MacKinnon, Hugh McDonald, D. D. McDonald, A. D. Norman, I. J. Parker, W. D. Pomeroy, L. G. M. Powne, N. G. Pringle, W. P.
Cowie, A. W. DeCow Douglass McG. Dickson, J. A. Donald, W. M. Edgar, C. J. Ellis, W. E. Evans, E. J.	Hall, W. Haentschel, C. W. Hamer, A. L. Johnson, J. W. Kelly, P. N. Loucks, F. Lafleur, B. A.	Ross, D. L. Richardson, G. C. Sinclair, Duncan. Scully, D. J. Williams, E. P. Woodruff, F. A. Wilkins, H. D.

## MEDALS, PRIZES AND HONOURS.

THE HOLMES GOLD MEDAL FOR THE BEST EXAMINATION IN THE PRIMARY AND FINAL BRANCHES was awarded to Wm. Adam Ferguson, B.A., of Richibucto, N.B.

THE PRIZE FOR THE BEST FINAL EXAMINATION was awarded to James Paterson McInerney of Kingston, N.B.

THE PRIZE FOR THE BEST PRIMARY EXAMINATION was awarded to Smith Gustin, of London, Ont.

THE SUTHERLAND GOLD MEDAL was awarded to John Elder, B.A., of Huntingdon, Q.

The following gentlemen, arranged in order of merit, deserve honourable mention:

In the Primary Examination, Norman G. Powne, H. S. Birkett, J. A. Kinloch, J. Elder, B.A., D. Corsan, W. W. White, B.A., Wm. J. McCuaig, W. C. Crockett, B.A., G. H. Raymond, B.A., John L. Duffett, C. W. Wilson, F. J. Seery, Geo. B. Rowat, A. Russell Turnbull, E. P. McCollum, and G. F. Palmer.

In the Final Examination, Geo. A. Graham, R. F. Ruttan, Wyatt. J. G. Johnston, Edwin J. Elderkin, Thos. B. Davies.

### PROFESSORS' PRIZES.

Botany.—Prize, Norman E. Powne, of Nashville, Tenn. For the best collection of Plants—Prize, J. E. Gray of Coldstream, Ont.

PRACTICAL ANATOMY.—Demonstrator's Prizes, 2nd year Herbert S. Birkett of Hamilton, Ont.; 1st year, Donald L. Ross of Winthrop, Ont.

PATHOLOGY.—Prize awarded to Edwin G. Wood of Londesboro, Ont., and Honourable Mention to Fred. G. Finley, Montreal, Q.

# Faculty of Medicine.

SUMMER SESSION.

### 1884.

The Ninth Summer Session of the Faculty of Medicine will begin on the 12th of April, and continue 12 weeks.

The Classes are chiefly practical and demonstrative, and are designed to supplement and extend the teaching of the regular Winter Session.

The records of qualifications of candidates for the degree show that most of the senior students now take either one or two Summer Sessions, and this is regarded by the Faculty as the best indication that the extension of its work in this direction meets a real want, and is duly appreciated.

During the past Session there was an attendance of between 50 and 60 students, including several from other schools, who are received on the same terms and have all the advantages of regular students.

The special advantages of attendance upon a Summer Session, are:

- (1) The benefit derived from the practical and demonstrative classes.
- (2) Dresserships and Clinical Clerkships are more easily obtained at the Hospitals, and the student has more time at his disposal to follow up the cases.
- (3) Cases of Midwifery are obtained in greater number at the Lying-in-Hospital.
- (4) Systematic study can be carried out more effectively than at home.

The advantages offered by the city of Montreal for the practical study of Medicine and Surgery are unequalled in the Dominion. In the wards of the General Hospital there is always—and more particular.

larly in the summer months, when navigation is opened-a large collection of interesting medical and surgical cases. In the out-door department there is a daily attendance of between 60 and 70 patients. which affords excellent instruction in Minor Surgery, routine medical practice, and Diseases of Children. The Eye and Ear Department will afford to the student an opportunity of studying practically, under skilled direction, these important branches. At the University Dispensary there will be demonstrations on Gynæcology, on Diseases of Children, and on Diseases of the Skin, and of the Nervous System.

Dresserships and Clinical Clerkships may be obtained on application to the Attending and Out-door Physicians.

The Faculty has much pleasure in announcing the following prospectus:-

### I. CLINICAL INSTRUCTION, which will comprise :-

### A. Bedside Instruction.

Drs. Fenwick, Roddick and Shepherd. SURGERY, MEDICINE. Drs. Ross and Wilkins.

#### B. Weekly Clinics in theatre on cases of:-Drs. Roddick and

I.—GENERAL SURGERY.

2.—GENERAL MEDICINE.

3.—GENERAL MEDICINE. 4.—GYNECOLOGY.

5.—DISEASES OF THROAT.

6.—DISEASES OF THE NERVOUS SYSTEM. At the College.

7.—DISEASES OF CHILDREN. At the Col-

8.—EYE AND EAR DISEASES.

9.—VENEREAL DISEASE. At the College.

### Dr. Major. Dr. Stewart.

Dr. Gardner.

Dr. Blackader. Dr. Buller.

Drs. Stewart and Sutherland.

Dr. R. L. Macdonnell.

Drs. Wilkins and Ross.

### C. Out-patients Clinic.

I. At Montreal General Hospital, Medical and Surgical.

DR. MAJOR will give special instructions in the dark room on the use of the laryngoscope and DR. BULLER on the use of the ophthalmoscope.

#### 2. At University Dispensary,

Gynecology on Tuesdays, Thursdays & Saturdays, 2.30 p.m.

Diseases of Children, bi-weekly.

Diseases of the Skin, bi-weekly.

Diseases of the Nervous System, bi-weekly.

### 3. At Montreal Dispensary.

D. Clinical Instruction in Obstetrics at University Lying-in Hospital.

#### Dr. Gardner.

Dr. Blackader.

Dr. Shepherd.

Dr. Stewart. Drs. Stewart and

Satherland.

I. The management of cases of labor.

2. The after-care of cases.

#### PRACTICAL CLASSES. II

1. Minor Surgery—Including bandaging; Dr. Sutherland. application of splints; hæmostatics; catheterism, artificial respiration, &c.

2. Operative Surgery—A complete course of operations on the cadaver, including amputations, excisions, ligations, etc. The students perform the operations in rotation; fee \$5, to cover cost of material.

Dr. Shepherd.

3. The Microscope in Medicine-A course of twenty-four lessons. Microscopes, rea- Dr. Wilkins. gents, and material provided. Fee \$15.

4. Morbid Anatomy-Consisting of twenty demonstrations in the autopsy room of the Hospital. Students will make the postmortems in rotation, and receive instruction in the method of performing them, and keeping record of their observations.

Dr. Sutherland.

5. Obstetrical Operations and Presentations-A series of practical demonstrations on cadaver or phantom.

Dr. A. A. Browne.

6. Practical Chemistry-Same as and may be taken in lieu of the winter course. \$12.

Dr. G. P. Girdwood.

### III. LECTURES.

1. Diseases of Children-Anatomical and physiological peculiarities of infancy, its hygiene and dietetics ; methods of examin- Dr. A. D. Blackader. ing children; peculiarities of symptoms; diseases of the new-born, of infancy and of childhood, with their therapeutics.

2. Hygiene-Lectures the same as and may be taken in lieu of the compulsory course in the winter session. Fee \$6.

Dr. R. L. Macdonnell.

Examination at end of the course.

In connection with his course Dr. Stewart will give practical instruction on the use of electricity.

All students desirous of attending the above courses are expected to register their names with the Registrar within one week after the beginning of the Session, and to pay a fee of \$20 (which includes registration fee). Enregistration and payment of the fee are compulsory upon all students, whether attending one or more of the classes.

Time Table will be issued on April 1st.

For further information apply to

FRANCIS J. SHEPHERD, M.D., Acting Registrar, 85 Mansfield Street.

### SESSION 1883-84.

### STUDENTS IN MEDICINE.

Aborn, Wm. H., Goderich, O.
†Addison. James L., Sheffield, O.
Allan. James H. B., Montreal, Q.
Armitage. Joseph H., Newmarket, O.
Arthur, Robert H., Brighton. O.
Awde, James, Montreal, Q.
Aylen, James, Montreal, Q.
Aylen, James, Montreal, Q.
Aylen, Peter, Aylmer, Q.
Aylen, Peter, Aylmer, Q.
Baird, Thomas A. D., Chesterfield, O.
†Barrett, T. A., Fenagh Vale, O.
Berry, Jas. A., Seeley's Bay, Leeds, O.
Birkett, Herbert S., Hamilton O.
Blackader, Ed. H. P., Montreal, Q.
Boggs, G. W., Wolfville, N.S.
Boone, Sherman W., Fredericton, N.B.
Boyd, Jay, Vankleek Hill, O.
Boven, Wm. Quebec, Q.
Brown, W. D., H., Charlottetown, P.E.I.
Brunette, Jas. T., Cornwall, O.
Burrows, Fred. N., Drayton. O.
Cameron, John James, Lancaster, O.
Cameron, John James, Lancaster, O.
Cameron, Henneth, Montreal, Q.
Campbell, Arch. W., Ingersoll, O.
Carter, Lucius H., Picton, O.
Carter, Lucius H., Picton, O.
Cartistie, Wm., Lachute, Q.
†Church, John L., Aylmer, Q.
†Clarke, H. J., Pembina, Dakota.
Clarke, John L., Waterloo, Q.
Clayton, W. E., Fredericton, N.B.
†Cook, Sheldon E., Aulisville, O.
Cory, Wm. F., Kingston, O.
Crotket, W. C., B.A., Fre lerickton, N.B.
†Cook, Sheldon E., Aulisville, O.
Crotket, W. C., B.A., Fre lerickton, N.B.
Cunningham, H. C., Kingston, O.
Davis, Murdoch A., Glen Water, O.
Crocket, W. C., B.A., Fre lerickton, N.B.
Cunningham, H. C., Kingston, O.
Davis, Albert H., Glen Buell, O.
Dazé, Henry, Montreal, Q.
†Davies, Thomas B., New Edinboro, O.
Davis, Albert H., Glen Buell, O.
Dazé, Henry, Montreal, Q.
†Davies, Thomas B., New Edinboro, O.
Davis, Albert H., Glen Buell, O.
Dazé, Henry, Montreal, Q.
†Duran, John A., Duncanville, O.
Eas. on, Chas, L., Ess'on's Corners, O.
Earl, Edgar H., Port Hope, O.
Eberts, Duncan W., Chatham, O.
Edgar, Chas. J., Napierville, Q.

Elder, John, B.A., Huntingdon, Q.
†Elderkin, Edwin J., Apple River, N.S.
Ellis, Wm. E., St. Catherines, O.
Evans, Ed. J., Seaforth, O.
Fairbanks, Chas. S., Oshawa, O.
Ferguson, James A., Vankleek Hill, O.
Ferguson, Wm. D., Cumberland, O.
†Ferguson, W. A., B.A., Richibucto, N.B.
Fillmore, E. W., Baie Verte, N.B.
Fillmore, E. W., Baie Verte, N.B.
Fillmore, E. W., Baie Verte, N.B.
Filley, Fred. G., Montreal, Q.
Flagg, J. D., Morrisburg, O.
Flett, Alfred J., Lower Fort Gar ie, Man.
Fraser, James M., Hawkesbury, O.
Gardner, Thos. M., Bayfield, O.
Gardner, Alex. W., Cornwall, O.
Gradnam, George J., Lindsay, O.
†Gooding, Charles E., Barbadoes, W.I.
†Graham, George A., Hamilton, O.
Graham, John, Carp, O.
Grant, Andrew S., Quebec, Q.
Grant, G. C. J., Kingston, Jam.
Grant, J. H. Y., Ottawa, O.
Graves, Wesley, Carp, O.
Gustin Smith, London, O.
Haentschel, Wm. C., Pembroke, O.
Hall, Andrew G., Franklin Centre, Q.
H. Il, Wm., Walkerton, O.
Harkin, Fred., M., Vanleek Hill, O.
Haythorne, T. J., Charlo-tetown, P.E.I.
Hill, Jas. Edgar, Montreal, Q.
Holden, E. De F., St. Armand Centre, Q.
Houghes, P. H., Strathroy, O.
Hurdman, Henry T., Aylmer, Q.
Hutchison, James A., Goderich, O.
Dohnson, James A., Goderich, O.
Dohnson, James A., Vankleek Hill, O.
Johnson, James A., Vankleek Hill, O.
Johnstone, Hedley V., Montreal, Q.
Jolliffe, Jas. H., Cincinnati, Ohio.
†Kelly, Patrick N., Rochester, Minn.
Kelly, Jas. A. A., Durham, O.
Kennedy, Robt. A., Ottawa, O.
Kinloch, John A., Montreal, Q.
Kirkpatrick, Robt. C., Montreal, Q.

Klcek, William H., Aylmer, Q.
Lafleur, Henri A., Montreal, Q.
†Landor, Thomas H., London, Q.
Leslie, Arch. Charles, Wat-on's Corners, Q.
Loucks, Wm. F., Stirling. Q.
Maclure, —, Nassau, W.I.
Mattice, James S., Messina, N.Y.
Mackay, James M., River John, N.S.
Mackin, Ed. P., Duart, Q.
MacDonald, Ed. P., Duart, Q.
MacDonald, Alex. D., MacDonald's Point,
Queen's Co., N.B.
MacKinnon, Hugh, Alexandria, Q.
Martin, A. H., Peterboro', Q.
Martin, A. H., Peterboro', Q.
McJonald, Dinnean D., North Laneaster, Q.
McDonald, Hugh J., Alexandria, Q.
†McClure, William B. A., Lachute, Q.
McGannon, Matthew C., Prescott, Q.
McGannon, Thos. G., Prescott, Q.
McGannon, Thos. G., Prescott, Q.
McGannon, Thos. G., Prescott, Q.
McGregor, J. G., Martintown, Q.
†McLean, I. N., B. A., Pictou, N.S.
†McLellan, James H., Summerside, P.E.I.
McMeekin, James H., Summerside, Q.
Norlerson, D. T., M.D., (Vt.), Laneaster, Q.
†Melson, W. M. F., Montreal, Q.
Norman, Telfer J., Schemberg, Q.
†O'Brien, Timothy, Brudenell, Q.
Norman, Telfer J., Schemberg, Q.
†O'Brien, Timothy, Brudenell, Q.
Park, James, Newcastle, N.B.
Parker, W. D., Yankleek Hill, Q.
Platt, Alfred T., Picton, Q
Poole, Alfred, Wakefield, Q.
†Porteous, William, Pembroke, Q.
Porter, James H., B.A., Kemptville, Q.
Porter, James H., B.A., Kemptville, Q.
Porterous, William, Pembroke, Q.

Powne, No man G., Nashville, Tenn.
Pringle, W. R., Cornwall, O.
Quirk, Ed. L. Aylmer, Q.
Raymond, Alf., Moulinette, O.
Raymond, G. H., B.A., Springfield, N.B.
Hænner, W. Scott, Jordan Station, O.
Ritchie, Robt. F., Dirleton. O.
Robertson, Geo. C., South March, O.
Ritchie, Robt. F., Dirleton. O.
Robertson, Arch. McD., Brockville, O.
Robertson, Francis D., B.A., Lennoxville, Q.
Ross, Donald L., Winthrop. O.
Ross, L. F., B.A., Montreal, Q.
Ross, Lewis D., Montreal, Q.
Rowat, W. M. L., Manoctic, O.
†Rowell, George B., Abbotsford, Q.
†Ruttan, Robert F., B.A., Napanee, O.
Seery, F. J., Fredericton, N.B.
Schmidt, Andrew J., Faribault, Minn.
Schmidt, Andrew J., Faribault, Minn.
Schmidt, Augustus F., Montreal, Q.
Scott, John M., Carlton Place, O.
Scully, Daniel J., Lindsay, O.
Shaip, I. C., Sussex, N.B.
Shibley, John L., b.A., Yarker, O.
Simelair, Duncan, Guildes O.
†Smith, Edwin H, Prescott, O.
†Smith, W. A., Montreal, Q.
Stewart, Wm. G., Rundell, O.
Taylor, Fred., Shannonville, O.
Trapnell Hugh E., Harbor Grace, Nfid.
Travers, John B., St. John, N.B.
Tupper, Freeman, Milton, N.S.
Turnbull, A. Russell, Russell, O.
†Walker, Felix D., Launching, P.E.I.
Warneford, Percy H., Norton, N.B.
Webster, Wm. J., Napanee, O.
White, Walter W., B.A., St. John, N.B.
Wilkinsen, A. W., Fredericton, N.B.
Wilkinsen, A. W., Fredericton, N.B.
Wilkinsen, A. W., Fredericton, N.B.
Wilkinsen, S. F., M.A., Springfield, N,B.
Wilkinsen, James F., Barrie, O.
Wishart, D. J G., B.A., Madoc, O,
Wood, Edwin, G., Londesboro, O.
Woodruff, Thos. N., St. Catherines, O.
Worthington, A. Norreys, Sherbreoke, Q.
Young, Alfred, A., Barton, Vt.

† Passed Examination for M.D. C.M. 1884.

### XVIII.

## LIST OF THE PRIZE-MEN AND MEDALLISTS IN THE MEDICAL FACULTY.

In 1855 the examinations were divided into Primary and Final, and Prizes were established for the best Thesis and for the best examinations in the Primary and Final Branches.

In 1865 the Holmes Gold Medal was established in honour of Dr. Holmes, and is given for the best examination in both Primary and Final Branches.

The following is the list with the present addresses of the recipients:

1854. For General Proficiency.—1st Prize.—Robt. Craik, Montreal. 2nd Prize.—Thomas Simpson, Montreal.

1855. Thesis.—James McG. Stevenson, Bryanston, Ont. Final Examination.—James McG. Stevenson, Bryanston, Ont. Primary Examination.—Walter J. Henry.\*

1856. Thesis.—Walter James Henry,\* and W. J. Jones, Prescott, O. Final Examination.—E. Laberge,\*

Primary Examination.—Levi R. Church. Montreal, Q.

1857. Thesis.—Levi R. Church, Montreal, and D. T. Robertson, Lennoxville, Q. Final Examination.—Levi R. Church, Montreal, Q. Primary Examination.—James Kerr.\*

1858. Thesis.—Timothy F. English\* and W. H. Taylor, Peterboro, O. Final Examination.—Wm. Harkin.\*

Primary Examination. - Jas. J. O'Dea, Stapleton, Staten Island, N.Y

1859. Thesis.—Edward W. Smith.\* Final Examination.—James J. O'Dea, Stapleton, Staten Island, New York.

Primary Examination.—Henry Warren.\*

1860. Thesis.—J. W. Pickup, Brockville, O. Final Examination.—Henry Warren.\* Primary Examination.—Joseph M. Drake, Montreal, Q., and Fred. Sutherland.\*

1861. Thesis.—Joseph M. Drake, Montreal; F. J. Austin, Sherbrooke, Q., and D. L. Philip, Brantford, O.
Final Examination.—Joseph M. Drake, Montreal, Q.

Primary Examination.—Thomas C. Walton.

1862. Thesis.—R. M. Bucke, London, O.

Final Examination.—John A. Stewart.\*

Primary Examination.—John J. Marston, U. S. Army.

1863. Thesis.—Wm. C. Gustin, Detroit, Mich.
Final Examination.—J. J. Marston, U. S. Army.
Primary Examination.—R. A. Kennedy, Montreal, Q., and Peter A.
McDougall, Ottawa, and C. F. Bullen.\*

1864. Thesis.—W. W. Squire.\*

Final Examination.—D. Howard Harrison, St. Mary's, O. Primary Examination.—Kenneth Reid,\* New York.

1865. Holmes Gold Medal.—E. P. Hurd, Newburyport, Mass.

Final Examination.—H. L. Vercoe, Seaforth, O.

Primary Examination.—George Ross, Montreal, and W. Gardner,

Montreal.

1866. Holmes Medallist.—George Ross, M.A., Montreal, Q.
Final Examination.—William Gardner, Montreal, Q.
Primary Examination.—Clinton W. Kelly, Louisville, Ky.

1867. Holmes Medallist.—Clinton W. Kelly, Louisville, Ky.

Final Examination.—C. W. Kelly, Louisville, Ky.

Primary Examination.—Wm. Henry Paterson.\*

1868. Holmes Medallist.—T. G. Roddick, Montreal, Q.

Final Examination.—T. G. Roddick, Montreal, Q.

Primary Examination.—Andrew Harkness, New Lancaster, O.

1869. Holmes Medallist.—T. D. Lucus.\*

Final Examination.—Andrew Harkness, New Lancaster, O.

Primary Examination.—Alexander A. Henderson, Ottawa, O.

1870. Holmes Medallist.—A. A. Henderson, Ottawa, O.

Final Examination.—O. H. E. Clarke, St. Louis, Mo.

Primary Examination.—J. H. Mathieson, St. Mary's, O.

1871. Holmes Medallist.—J. H. Mathieson, St. Mary's, O. Final Examination.—H. P. Wright, Ottawa, O. Primary Examination.—Thomas Kelly, Demarara.

1872. Holmes Medallist.—Hamilton Allan, Oconto, Wis.

Final Examination.—G. A. Starke, Milwaukee.

Primary Examination.—F. J. Shepherd, Montreal.

Special Prize for Thesis.—W. Osler, Montreal.

1873. Holmes Medallist.—Thomas Kelly, Demarara.

Final Examination.—D. A. Alguire, Cornwall, Ont.

Primary Examination.—J. D. Cline, B.A.\*

1874. Holmes Medallist.—J. D. Cline, B.A.\*

Final Examination.—J. C. Cameron, Montreal.

Primary Examination.—Simon J. Tunstall, B.A., Lytton, B.C.

1875. Holmes Medallist.—S. J. Tunstall, B.A., Lytton, B.C. Final Examination.—J. B. Benson, Chatham, N.B. Primary Examination.—C. S. Murray, B.A.\*

1876. Holmes Medallist.—Robt. H. W. Powell, Ottawa, O.

Final Examination.—Chas. Murray, B.A.\*

Primary Examination.—Alex. C. Frazer, Manitowoc, Wis.

Special Prize for Thesis.—R. L. MacDonnell, B.A., Montreal.

1877.—Holmes Medallist.—James Bell, Montreal, Q.

Final Examination.—W. D. Oakley.

Primary Examination

Primary Examination.-H. N. Vineberg, Portage La Prairie, Man.

- 1878. Holmes Medallist.—H. N. Vineberg, Portage La Prairie, Man.

  Final Examination.—T. W. Mills, M.A., Montreal.

  Primary Examination.—W. R. Sutherland, Montreal.

  Sutherland Gold Medal.—J. M. Lefebvre, Brockville, O.
- 1879. Holmes Medallist.—J. B. Lawford, London, Eng.

  Final Examination.—A. W. Imrie, Detroit.

  Primary Examination.—J. A. McDonald, Montreal.

  Sutherland Gold Medal.—W. L. Grey, Pembroke, O.
- 1880. Holmes Medallist.—J. A. McDonald, Montreal.

  Final Examination.—H. B. Small, Ottawa.

  Primary Examination.—James Ross, B.A., Dundas, O.

  Sutherland Gold Medal.—H. W. Thornton, B. A., Montreal.
- 1881. Holmes Medallist.—James Ross, B.A., Dundas, O.

  Final Examination.—John W. Ross, Cohoes, N. Y.

  Primary Examination.—R. J. B. Howard, B.A., Montreal.

  Sutherland Gold Medal.—C. E. Cameron, Montreal.
- 1882. Holmes Medallist.—R. J. B. Howard, B.A., Montreal, Q.
  Final Examination.—Henry V. Ogden, B.A., Milwaukee, Wis.
  Primary Examination.—George A. Graham, Hamilton, O.
  Sutherland Gold Medal.—Wyatt, G. Johnston, Sherbrooke, Q.
  Morrice Scholar.—Wyatt, G. Johnston, Sherbrooke, Q.
- 883. Holmes Medallist.—C. E. Cameron, Montreal.

  Final Examination.—J. B. Loring, Sherbrooke, Q.

  Primary Examination.—Ed. G. Wood, Londesboro, O.

  Sutherland Gold Medal.—R. F. Ruttan, B.A., Napanee, O.

  Morrice Scholar.—R. F. Ruttan, B.A., Napanee, O.
- 1884. Holmes Medallist.—Wm. A. Ferguson, Bathurst, N.B.

  Final Examination.—James P. McInerney, Kingston, N.B.

  Primary Examination.—Smith Gustin, London, Ont.

  Sutherland Medal.—John Elder, B.A., Huntingdon, Q.

# HOW TO BECOME A REGISTERED PRACTICIONER.

The possession of an M.D. degree does not entitle the holder to practice. He must become registered. In all the provinces of the Dominion except Ontario, the possession of a degree in Medicine from a recognized university entitles the holder to register. In Quebec, graduates of the universities of the province must appear in person at the May or September meeting of the Board, present their diplomas and swear to them. Registration is granted only at these periods, It is optional with the Board whether the holder of a degree from a University outside the province of Quebec can register without further examination. In some cases the additional test has been enforced. In Ontario, unless a registered practicioner of Great Britain, the examination of the college of physicans and surgeons of the Province must be passed before registration. The examination is held every spring. In Nova Scotia, New Brunswick, Manitoba, the provincial boards accept the degrees of Canadian Universities without examination. Prince Edward Island and British Columbia have as yet no Medical Boards. In most of the West India Islands certificate of registration in one of the provinces of the Dominion entitles the holder to practice.

In the *United States*, holders of Canadian degrees in medicine can practice without additional examination or study. In many of the States now Medical Boards exist, similar to those in our Provinces, and the degree must be registered before a license to practice is obtained. The custom varies in different States.

In *Great Britain* no colonial or foreign degrees are registerable, except in the case of the University of Melbourne and of holders of Colonial degrees prior to 1850. To register, the examinations of one of the numerous licencing Boards must be passed.

A Graduate in Medicine of an American College in order to register in any of the Provinces of the Dominion, must (a) unless the holder of an Academical Degree pass the Matriculation examination of the Board (b) attend some one of the Medical Schools in order to complete the curriculum required by the Boards and (c) pass the professional examination.

## DOCTORS IN MEDICINE.

Addison, Jas. L., West Flamboro, O 188	4   Brist
Alguire, Duncan O., Allard, Emery, Alland, Hamilton, Allen, C. E Alloway, Thomas Johnson, Montreal 1869 Anderson, Alex., Med. Dept. Indian	Brod
Allard, Emery. Relail O 1996	Broo.
†Allan, Hamilton, Ocento Wie 1976	Bron *Bron
Allen C. E. Fost Fornham O 1000	Brou
Alloway Thomas Johnson Montared too	Bross
Anderson Alex Med Dent Till	Brow
Anderson, Alex., Med. Dept. Indian	Brow
*Anderson, John C., Army 1866 Archer, Ths., Wandsworth, Eng 1863 Ardagh, Johnson, Orillia, O 1869 Armstrong, Geo. E., Montreal 1877	Brow
Arabon The 1865	
Archer, Ths., Wandsworth, Eng 1869 Ardagh, Johnson, Orillia, O 1869 Armstrong, Geo. E., Montreal 1877	Brow
Ardagn, Johnson, Orillia, O 1869	
Armstrong, Geo. E., Montreal 1877	Brow
Allioidi, Daillei [Hon].	Brown
	Brune
Ault, Alexander, Ault, Charles, Ault, Lames F., Ault, Edwin D., Austin, Fred. John, Ayer, N., M.A., Aylen, John, Aylen, James Ault, Solvente Service S	*Brun
Ault, Charles, Montreal 1855	*Brun
*Ault, James F.,	Brugo
Ault, Edwin D., Aultsville, O 1868	Bucke
Austin, Fred. John, Ayer, N., M.A., Ayler, John, Ayler, John, Ayler, John, Ayler, John, Ayler, John, Ayler, John, Ayler, N., M.A.,	*Buck
Aver, N., M.A., Sackville N. P. 1990	Buck
Avlen, John. Avlmer O 1957	*Buck
Avlen, James Avlmov O 1909	Buckl
Backbonse J B Broidwood III 1070	Bull, (
Bain D S E Stoff Surgeon Mei	*Bulle
Bain Hugh II Prince Albert 35	Buller
Boird James C. Palacet, Man 1875	Burge
Baker Albert Dallel David	Burch
Barelow Cooper, Dawlish Devon, 1848	*Burla
Parkhill, O 1870	Burlan
Barnston, James [ad. eun], 1856	Burlan
Barrett, Jos. A., Fenaghvale, O 1884	Burlan
Austin, Fred. John, Aylen, Qissa Backhouse, J. B., Baridwood, Ill is70 Baird, James G., Bahret, James G., Barrett, James G., Barrett, Jos. A., Barletr, Jos. A., Battersby, Charles, Baynes, Donald, M.A., London, Eng is76 Baynes, Geo. Aylmer, Winnipeg, Man 1869 Beatty, D., Richmond, Carlt. Co., O 1862 Beaudry, Louis B., Beckstead, M., Lisbon, St Law Co. N.Y 1878 Bell, Robert, C. E., Bell, Robert, C. E., Bell, Robert, C. E., Bell, Robert, G. E., Belleau, Alfred, Bergeron, Joseph.	Burlan
Baynes, Donald, M.A., London, Eng 1876	Burroy
Baynes, Geo. Aylmer, Winnipeg, Man 1869	*Burnl
Beatty, D., Richmond, Carlt, Co., O 1862	*Burns
*Beaudet, Alfred,	Burrit
Beaudry, Louis B., St. Cesaire O 1871	Burwas
Beckstead, M., Lisbon, St. Law Co. N. V. 1879	*Butle
†Bell, James. Montreel 1977	Dutte
*Bell John M A	Butler,
Bell Robert C.E. Ottoma 1979	*Buxto
Bell Robert W Beterbase 0 1070	Cahala
Bell, Robert W., Belleau, Alfred, *Bergaron Locals Quebec 1862	†Camer
Bell, Robert W., Belleau, Alfred, *Bergeron, Joseph, Bergin. Darby, Bessey, William E., Benson, Joseph B., *Bibaud, Jean G., Blackader, Alex, D., B.A., Montreal 1871 Blacklock, John J., *Blanchet, J. B., *Blanchet, J. B.,	Camero
Bergin Dorby, 1870	Camere
Possess William T Cornwall, O 1847	Camero
Bessey, William E., Montreal 1863	Camero
Bender, Prosper, Boston, Mass 1865	*Campl
Benson, Joseph B., Chatham, N. B 1875	Campbe
*Bibaud, Jean G.,	*Campb
Blackader, Alex. D., B.A., Montreal 1871	Campbe
Blacklock, John J., Chesterville, O 1851	*Campb
*Blanchet, J. B., 1863	Campbe
Blair, Robt. C., Three Rivers, Q 1865	Campbe
Bligh, John W. 1865	Cannon
Bogart, Irvine D., Mene, O 1859	Carmiel
*Bomberry, Geo. E., 1875	Curmici
Bonesteel, S. A., Colombus, Neb 1881	Carey, A
Boulter, George H., Stirling O 1852	Carman
Boulter, George H., Stirling, O 1852 Bowser, J. C., Kingston, N B 1883	Carman
*Bover, Louis.	Coosida
*Boylan, Andrew A	Cassidy,
Boyle Albert D Carbonogy Ned 1977	-Lewes
Bowman William F	Cassady. Carroll
Bower Silas J Waddington N. V. 1860	Carroll
*Bradley William Waddington, N Y 1865	Carruthe
Bogart, Irvine D.,  Bomberty, Geo. E.,  Bounesteel, S. A.,  Boulter, George H.,  Bowser, J. C.,  Boyle, Louis,  Boylan, Andrew A.,  Boylan, Andrew A.,  Boyle, Albert D.,  Bownan, William E.,  Bower, Silas J., Waddington, N Y 1865  Braithwaite, Francis H.,  Brandon, John,  Bresslin, William I.,  46th Regiment 1447  46th Regiment 1447  Bresslin, William I.,  Brandon, William I.,  Bresslin,	Jarson,
Brandon John 1863   8	Carson,
Proglim William Ancaster, O 1867 (	Carter, S
Brandon, John, Breslin, William I.,  Brigham Logich S.  Brigham Logich S.	Carson, Carter, S Case, W
Brigham, Josiah S., Philipsburg, Q 1848	Jasgran
Brigham, Josiah S., Philipsburg, Q 1848 ( Brissette, Henry R., Lowell, Mass 1871 (	Cattanac

deur, Alphonse, Roxton Falls, Q 1850 deur, Alphonse, Roxton Falls, Q 1863 die, John, Honolulu, Sdwh Isl 1877 ks, Samuel T., St Johnsbury, Vt 1851 puse, William H., 1847 ise, Jacob E., Brockville, O 1925 sard, J. B. J. sard, J. B. J., vn, Thos. L., Laprairie, Q 1875 Melbourne, Q 1881 Plattsville, O 1879 n, Peter E., Ste Anne de Belle-7n, Harry, 405, W. Washington vue, Q 1863 m, Chs. O.,
ne, Arthur A., B.A.,
eau, Adolphe.
St, Chicago 1873
Barnston, Q 1882
Montreal 1872
Sorel O 1873 eau, Adolphe, neau, Olivier T. [Hon], Sorel, Q 1853 deau, Onesime, 1851 deau, Onesime, 1851 on, William G., Fenelon Falls, O 1867 e, Richard Maurice, London, O 1862 ce, Edward H., kle, John M. C., ley, William P., Prescott, O 1870 George J., Colorado Springs, Col. 1869 en, Charles F., r, Frank, 1864 Montreal 1879 Listowell, O 1868 a, B. F., Walla Walla, Walsh Ter 1866 and, John H., nd, Samuel C., nd, William B., nd, William H., 1863 Chester, Penn 1877 Montreal 1872 Montreal 1875 nd, Benj. W., Mineville, N Y 1882 ws, Philip P., Lindsay, O 1866 Lindsay, O ws, Philip P., Lindsay, O 1866 ham, Robert Wilkins, 1860 s, Alfred J., 1854 tt, Horatio C., Toronto, O 1863 sh, Henry J., Minneapolis, Minn 1879 r, George C., Billa F. h, Billa F., on, John N., on, James, Wyandotte, Mich 1880 Montreal 1883 ron, Chas. E., Montreal 1883 on, Paul, Alexandria, O 1881 on, Paul, Alexandria, O 1881 on, Duncan H., Emerson, Man 1877 on, James C., Montrea, 1878 John D., Norway, Mich 1878 1860 on, James C., Montreal 1874
on, John D., Norway, Mich 1878
bell, Donald Peter, 1860
bell, G. W., M.A., [ad eun], 1843
bell, J., New Zealand 1876
bell, Samuel, ell, John, Seaforth, O 1869
ell, Lorne, London, Eng 1882 hael, D. A., Mar. Hosp. Serv, Pittsburg, Pa 1873 Augur D. L. [ad eun], 1873
A. Philip E., Detroit, Minn 1879
A. John B., Detroit, Minn 1879
A. David M., Med Supt. County
Asylum, Lancaster, Eng 1867
A. John F., Goderich, O 1865
A. J. H., Robert W. W., 1879
A. Lake Park, Minn 1881
A. Augustus, 1843 Augustus, Samuel A., Meadow Vale, O 1859 Hermanus, Hamilton, O 1879 n, Charles E., ch, Andrew J., Windsor, O 1851 Denver, Col 1871

1864

1843 1850

Montreal 1882 Cattanach, Angus M., Dalhousie Mills.O 1882 Chagnon, Vincelaus G. B., Fall River, Dawson, R., BA., St. Paul, Neb 1882 Dearden, G. A., \*Dease, Peter Warren, \*Dease, Peter Warren,
DeBonald, C. S., Berthier en haut, Q 1847
DeBoucherville, Charles B., Quebec 1843
DeGrosbois, T. B., Roxton Falls, Q 1863
Demorest, B. G. G., Stirling, O 1852
Derby, W. J., Rockland, O 1882
Pessanliniers, Antoine A., 1863
\*DeCelles, Charles D., Moor's Mills, N B 1880
Dibblee, G. O., Moor's Mills, N B 1880
\*Dice, George. \*Chaliner, Francis, Cherry, William, \*Chesley, George Ashbold, Toledo, Ohio 1869 1862 1864 \*Dice, George,

\*Dick, James R.,

\*Dickinson, James S., 1846 \*Dickinson, James S.,
\*Dickinson, George,
Dickson, William W.,
Digby, F. Winniett,
\*Dodd John,
Donnelly, C. H.,
\*Dorion, Severe,
\*Dorland Enoch G.,
Devland James. Co., Cal 1865 Pembroke,0 Christie, Thomas, Christie, John H., B.A.,833 W 22nd St, Chicago 1875 Brantford, O 1863 Christie, Edmund.

\*Church, Charles H.,
Church, Clarence R.,
Church, Coller M.,
Church, F. W.,
Church, Levi R.,
Church, Mills K.,
Pierrepont Mano,
N. Y. Waresville, Texas 1860 Chicago 1882 \*Dorland Enoch G.,
Dorland, James,
Dougan. William,
Douglass, James [Hon]
Dowling, John F.,
Drake, Joseph M.,
Dubuc, Charlemagne,

\*Milwaukee, Wis 1875
St., Catharines, O 1867
Abbottsford, Q 1861
Abbottsford, Q 1861
Montreal 1864 Ottawa 1868 Aylmer, Q 1855 Aylmer, Q 1880 Montreal 1857 \*Church, Peter H., Clarke, Hy. J., Winnipeg, Man 1881 Clarke, Octavius H. E., St. Louis, Mo 1870 Clarke, Wallace, B.A., Utica, N Y 1871 Clarke, Henry J., Pembina, Dakota 1884 Clarke, Richard A., Oakville, O 1870 Clarke, F. G.B., Fordwych Rd. Kilburn Lond., Eng 1876 \*Ducket, Stephen, Montreal 1853. Duckett, William A., Montreal 1859. Dufort, Thadee A., St Sebastian, Q 1865. Duhamel, Louis,
Duncan, George, Fareham, Hants, Eng 1866
Duncan, Gideon M.,
Duncan, George C.,
Duncan, James S.,
Surg. Mag. Army 1858 burn Lond., Eng 1876 Clemesha, John W., Port Hope, O 1867 Clement, Victor A., St. Guillaume, Q 1866 \*†Cline, John D., B.A., Nanaimo, BC 1870 Clumess, Daniel, Winnipeg, Man 1865 \*\*Clumes, Obasles W. \*Duncan, John A., Duncan, John A., Duncan, W. T., Dunlop, H. A., Crookston, Minn 1882 Codd, Alfred, 1869

\*Collins, Charles W., Collins, Charles W., St Law. Co., NY 1878
Collquboun, George, Iroquois, O 1876
Comeau, John B., St David, Q 1870
Comeau, John B., Louisville, N Y 1876
Louisville, N Y 1876
Napane Dunlop, H. A., \*Dunn, William Oscar, Dunsmore, John M.,
Dupuis, Joseph B.,
Easton, John,
Eberle, Harry A.,
Edwards, Eliphalet G.
Edwards, J. S.,
Edwards, Oliver C., Qu'Appelle, N.W.T 1873 Dunsmore, John M., Cook, Guy R., B.A., Cook, Hermon L., Napanee, O 1854 Cook, Sheldon E.,
Cooke, Charles H.,
Cooke, Sydney P.,
Cooke W. H.,
Copeland, William L.,
\*Corbett, A. P. M.,
Corbett, William H., Brig. Surg Army
Med Dept. 1854
St Thomas, O 1869
Morristown, O 1881 Aultsville O 1884 Edwards, Oliver C., Qu'Appelle, Avondale, Elderkin, Edwin J., Hants Co., N S 184
Elkinton, A. G., Surg. Maj. Gren.
Guards 1862 Ellison, S.R., 268 W 43rd St., N Y 1873
Emery, Gordon J., Miuneapolis, Minn 1887
\*English, T.F., \*Erskine, John, Ethier, Calixte, Evans, Griffith, Vet Dept. Army, Corlis, Josiah,
Cormack, Wm.,
\*Corsan, John
Cotton, C. L.,
Cousins, W. C.,
\*Cowley, Thomas
Cowley, D. K.,
Cox, Frank,
Coxle, Henry W. Vet Dept, Army, Woolwich, Eng 1864 Cowansville, Q 1877 Ottawa, O 1882 Hawkesbury, 0 1873 Lancaster, O 1866 Wakefield, Q 1875 Princeton, O 1872 Oshawa, O 1868 Ewing, William, Granby, Q 1880 Charlottetown, P E I 1869 Falkuer, Alexander, Fails, Samuel K.,
Fails, Samuel K.,
Fails, Samuel K.,
Friceton, O 1872
Farewell, G. McGill,
Farewell, W. G.,
Farley, James T., Fremont Centre-Mich 1877
Belleville, O 1873 Coyle, Henry W., Craig, Thornton, Sorel, Q 1876 Capay, Cal 1876 Montreal 1854 Craik, Robert, Cram, Daniel C., Lawrence, Kan 1872 Farley, John J.,
Faulkner, George W.,
Feader, H. C.,
Feilde, E. C.,
Fenwick, George E.,
Fergusson, A. A., Franklin Centre, Q
Ferguson, Alex. R., Dalhousie Millso 186
Ferguson, John
Finnie, John T. Belleville, O 1873 Stirling, O 1871 Cram, Daniel C.,

\*Crawford, James [ad eun],

Crichten, Stuart,

Crothers, William,

\*Culvers, Joseph B.,

\*Cunynghame, W. C. Thurlow,

Cutter, Frederick A.,

Sutton, Q 1876

1888 Sutton, Q 1873 Daly, Guy D. F., 1849 \*Dansereau, Charles, 1869 Dansereau, Charles, 1835 \*Dansereau, Pierre, Davies, Thomas B., New Edinburgh, O 1884 Montreal, Q Finnie, John T., Leadville, Col 1871 \*Fisher, John, Davignon, F. F.,

*Fitzgerald, James,	- 13	
	365	*Hall, James B., 1866  *Hall, J. W., 1848  Halliday, James T., Peterboro, O 1865  *Hamilton, Andrew W.,  Hamilton, Charles S., Demorestville, O 1868  Hamilton, John R., Stratford, O 1871
Fortier, Louis A., St David, O 78	378 1	*Hall, T. W., +848
*Fitzgerald, James, Fortier, Louis A., Fortier, Pierre, Fortune, Lewis M., *Foster, Stephen Sewell, Fraleigh, William S., Fraser, H. D., Fraser, Alex. C., *Fraser, William, Fraser, William H., Fraser, Donald M., Fraser, Donald M., Fraser, J. R., Freeman, C. M., Freeman, C. M., Fuller, W., Fuller, H. LeRoy, B.A., Sweetsburg, Q Fulton, James H., Gale, Hugh, *Garvey, Loseph, Gard Rapids, Mich as Gale, Hugh, *Garvey, Loseph, Bad Axe, Mich as *Garve	5/0	Halliday James T Patarbara O -06
Fortin, Tierre,	45	framuay, James 1., Feterboro, O 1805
Fortune, Lewis M., Huntingdon, Q 18	373 3	*Hamilton, Andrew W., 1850
*Foster Stephen Sewell.	26 1	Hamilton Charles S Demorestville O , 260
Endish William C Commence O	40	TT '1. T. D. Demorestylie, O 1000
Fraieign, William 5., Gananoque, O 18	669	Hamilton, John K., Stratford, O 1871
Fraser, H. D., Perth, O 18	38T 1	*Hamilton, Rufus F., 1861
Fraces Alax C Manitowas Wis -0	,	Hamal Jasah A Managar Day O oc
Fraser, Alex. C., Manitowoc, Wis 18	77	Hamel, Joseph A., Murray Bay, Q 1856
*Fraser, William,	326	Hammond, I. H., Montreal 1860
Frager William H	6- 1	Hannah Franklin I anadawna O -0
Frasci, William II.,	007	riannan, Franklin, Lansdowne, O 1879
Fraser, Donald M., Stratford, O 18	360	Hanover, William, Seaforth, O 1875
Fraser Donald Chicago III -0	260 1	Hanvey C I B Vale BC 7992
Francis T D Madade O C	000	TI TO ST. D.,
Fraser, J. K., Medcalle, U 18	78	Hart, F. W., St. Martinville, La 1835
Freeman, C. M., Cape Sable Isl., N.S. 78	71	Harvie I B Troy N V 1881
E.ll. W Cand Davide Mich o	100	TI TI O
Fuller, W., Grand Rapids, Mich 18	100	Harvey Wm. A., Harriston, U 1874
Fuller, H. LeRoy, B.A., Sweetsburg, O 18	70 4	*Harding, F. W., 1868
Nulton Tomac H Montreel +0	6- 1	Harlin Hanny
Fullon, James 11., Montreal 10	03 1	flarkin, flenry,
Fulton, James H., Gale, Hugh,  Bad Axe, Mich 18	82 3	*Harkin, William, 1858
*Corvey Tocenh	52 1	Harlinger John Dickinson's Corners O 1860
Carvey, Joseph,	52 3	Trainings, John, Dickinson's Corners, O 1002
Gardner, H. H., San Francisco, Cal 18	78 1	Harkness, Andrew, New Lancaster, U 1809
Gardner, John J., Montreal 18	82 1	Harrison David H. St. Mary's O 1864
Candray Matthews Convergente Col -0	- T	Hauriaan H I Maulinatta O x00a
Gardner, Matthew, Sacramento, Cal 18	71 1	Mountette, O 1883
Gardner, William, Montreal 18	67 ]	Hart, George C., Prescott, O 1870
*Gascoigne Geo F.	61 I	Hannington E B C Vale B C TRAT
Castorgae, Oct. 15	OI I	Ti die, D. C.,
Sar Francisco, Cal 18 Gardner, H. H., Gardner, John J., Gardner, Matthew, Gardner, William, Gascoigne, Geo. E Gaviller, Edwin A., Gangery, Elway, Gangery, G	73	Hamilton, John R.,  *Hamilton, Rufus F.,  Hamel, Joseph A.,  Hammond, J. H.,  Hannah, Franklin,  Hannvey, C. J. B.,  Harvie, J. B.,  Harvie, J. B.,  Harvey Wm. A.,  *Harding, F. W.,  Harkin, Henry,  *Harkin, William,  Harkness, John, Dickinson's Corners, O 1864  Harrison, David H.,  Harrison, David H.,  Harrison, H. J.,  Hart, George C.,  Hayes, James,  Heard C. De W.,  Stratford, O 1871  1867  Murray Bay, Q 1836  Lansdowne, O 1879  Seaforth, O 1877  Yale, B C 1883  Prescott, O 1869  Wew Lancaster, O 1869  Prescott, O 1879  St. Mary's, O 1864  Moulinette, O 1883  Prescott, O 1879  St. Mary's, O 1864  Moulinette, O 1883  Prescott, O 1879  St. Mary's, O 1866  New Lancaster, O 1869  Yale, B C 1875  Simooe, O 1866
*Gauvreau, Elzear, *Gauvreau, Lewis H., Gendron, Thomas, Gernon, George W., *Gibb, George D.,	SE I	Hayes, James, Heard, C. De W., PEI 1880 Hebert, P. Zotique, Whitehall, N Y 1873
Charletti, Enzemi,		D F I -00-
*Gauvreau, Lewis H.,	30	PEI 1000
Gendron, Thomas, St. Raymond, Q 18	66 ]	Hebert, P. Zotique, Whitehall, N Y 1873
Gernon, George W., Marieville, Q 18		Henderson, Alex. A., Ottawa, O 1870
Gerhon, George W., Marievine, Q 10	72	Henderson, Alex. A., Ottawa, O 1870
*Gibb, George D.,	46 I	Henderson, E. G.,
Gibson John B. Cowansville, O 78	EE *	*Henderson, Peter, A.M., 1848
Cit D. D. D.	35 T	Handanan Andrew Calman N W T 2000
Gibson, W. B., Dunnam, Q 18	78 1	Henderson, Andrew, Calgary, NWT 1880
*Gibson, Edward B.,	64 *	*Henry, Walter, [Hon.] 1853
Gibson, John B., Cowansville, Q 18 Gibson, W. B., Dunham, Q 18 *Gibson, Edward B., Gilbert, Henry L., Gillis, John A. F., Summerside, P.E. I. 18	×	*Henry, Walter, [Hon.] 1853 *Henry, Walter J., Henry, Wm. G., C.P.R. Mattawa, O 1883
Gilbert, Helly L., Sherbrooke, Q 10	15 7	Truly, waiter J.,
Gillis, John A. F., Summerside, P.E.I. 18	77 1	Henry, Wm. G., C.P.R. Mattawa, O 1883
Gillies, John, Teeswater, O 18 Gilmour, Angus A., Modesta, Cal 18	67 I	Henwood, Alfred J., Brantford, O 1879  *Hervey, Jonas J., 1866
Cilmon Anna A Madage Cal at	60 4	Hervey, Ionas I., 1866
Gilmour, Angus A., Modesta, Cai 16	08 7	riervey, Johas J.,
*Groux Philippe.		Hethrington, Harry, Heyd, H. E., Hatley, Q 1872 Buffalo, N Y 1881
Girdwod, Gilbert P., Gien, C. W. E., Godfrey, Robert, Montreal 18 Chambly, Q 18 Montreal 18	60 I	Heyd, H. E., Buffalo, N Y 1881
Girdwood, Gilbert F., Montreal 10	09 1	ileyd, II. D.,
Glen, C. W. E., Chambly, Q 18	58 1	Hickey Charles E., Morrisburg, O 1866
Godfrey, Robert, Montreal 18	AA F	Hickey, Samuel A., B.A., Aultsville, O 1874 Higginson, H. A., Winnipeg, Man 1881
Colicy, Robert,	44 T	History, Build III, Winning Man 1981
Godfrey, Abraham C., Freemantie,	1	migginson, n. A., winnipeg, wan root
Couthampton Fng vo		
	65 1	Hils, Joseph, Woonsocket, R I 1873
*Coodbug D T	65 H	Hils, Joseph, Woonsocket, R I 1873
Godfrey, Robert, Montreal 18 Godfrey, Abraham C., Freemantle, Southampton, Eng 18 *Goodhue, P. J.,	65 H	Hils, Joseph, Woonsocket, R I 1873 Hingston, W. H., Montreal 1851
*Goodhue, P. J., Goforth, Franklin, Runcorn, Ches., Eng 18	65 H 75 H 63 H	Hils, Joseph, Woonsocket, R I 1873 Hingston, W. H., Montreal 1851 Hockridge, Thos. G., London, Eng 1874
*Goodhue, P. J., Gooding, Chas E. Rarbadoes, W. J. 18	65 H 75 H 63 H 84 *	Hils, Joseph, Woonsocket, R I 1873 Hingston, W. H., Montreal 1851 Hockridge, Thos. G., London, Eng 1874
*Goodhue, P. J., Goforth, Franklin, Runcorn, Ches., Eng 18 Gooding, Chas. E., Barbadoes, W. J. 18 Cond. M. M. Barbadoes, W. J. 18	63 I 84 *	Hils, Joseph, Woonsocket, R I 1873 Hingston, W. H., Montreal 1851 Hockridge, Thos. G., London, Eng 1874 Holden, Rufus, 1844
*Goodhue, P. J., Goforth, Franklin, Runcorn, Ches., Eng 18 Gooding, Chas. E., Gordon, C. M., Aylwin, O 48	63 I 84 *	Hils, Joseph, Woonsocket, R I 1873 Hingston, W. H., Montreal 1851 Hockridge, Thos. G., London, Eng 1874 Holden, Rufus, 1844
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Goforth, Franklin, Runcorn, Ches., Eng. 18 Gooding, Chas. E., Barbadoes, W. J. 18 Gordon, C. M., Gordon, Robert, *Gordon, W. W., *Graham, Charles E., Graham, Geo. A., *Graham, Heave.	63 H 84 * 81 H 68 * 63 H 65 H	Hils, Joseph, Hingston, W. H., Hockridge, Thos. G., Holden, Rufus, Holwell, John, Holmes, Andrew F., Hougher, Alf. J., Howard, Robert, Howard, R. Palmer, Howard, R. Palmer, Howard, R. J. B., B.A., Howden, Robert T., Howelen, Robert T., Howland, Francis L., Howlit, Wm. H., Howland, Francis L., Hulbert, E. Augustus, Hulbert, E. Augustus, Hume, William L., Hunt, J. J., Hunt, J. H., Surg. Maj. Army, Med Dept. 1869 Hunt, Lewis G., B.A., Sheffield, Eng 1871
Goforth, Franklin, Runcorn, Ches., Eng. 18 Gooding, Chas. E., Barbadoes, W. J. 18 Gordon, C. M., Gordon, Robert, *Gordon, W. W., *Graham, Charles E., Graham, Geo. A., *Graham, Heave.	63 H 84 * 81 H 68 * 63 H 65 H	Hils, Joseph, Hingston, W. H., Hockridge, Thos. G., Holden, Rufus, Holwell, John, Holmes, Andrew F., Hougher, Alf. J., Howard, Robert, Howard, R. Palmer, Howard, R. Palmer, Howard, R. J. B., B.A., Howden, Robert T., Howelen, Robert T., Howland, Francis L., Howlit, Wm. H., Howland, Francis L., Hulbert, E. Augustus, Hulbert, E. Augustus, Hume, William L., Hunt, J. J., Hunt, J. H., Surg. Maj. Army, Med Dept. 1869 Hunt, Lewis G., B.A., Sheffield, Eng 1871
Goforth, Franklin, Runcorn, Ches., Eng. 18 Gooding, Chas. E., Barbadoes, W. J. 18 Gordon, C. M., Gordon, Robert, **Gordon, W. W., **Graham, Charles E., Graham, Geo. A., **Graham, Heavy.**	63 H 84 * 81 H 68 * 63 H 65 H	Hils, Joseph, Hingston, W. H., Hockridge, Thos. G., Holden, Rufus, Holwell, John, Holmes, Andrew F., Hougher, Alf. J., Howard, Robert, Howard, R. Palmer, Howard, R. Palmer, Howard, R. J. B., B.A., Howden, Robert T., Howelen, Robert T., Howland, Francis L., Howlit, Wm. H., Howland, Francis L., Hulbert, E. Augustus, Hulbert, E. Augustus, Hume, William L., Hunt, J. J., Hunt, J. H., Surg. Maj. Army, Med Dept. 1869 Hunt, Lewis G., B.A., Sheffield, Eng 1871
Goforth, Franklin, Runcorn, Ches., Eng. 18 Gooding, Chas. E., Barbadoes, W. J. 18 Gordon, C. M., Gordon, Robert, **Gordon, W. W., **Graham, Charles E., Graham, Geo. A., **Graham, Heavy.**	63 H 84 * 81 H 68 * 63 H 65 H	Hils, Joseph, Hingston, W. H., Hockridge, Thos. G., Holden, Rufus, Holwell, John, Holmes, Andrew F., Houston, D. W., Howard, J. B., Howard, Robert, Howard, R. Palmer, Howard, R. J. B., B.A., Howden, Robert T., Howth, W. H., Howitt, Wm. H., Howland, Francis L., Hulbert, E. Augustus, Hunt, Henry, Hunt, J. H., Surg. Maj. Army, Med Dept. 1869 Hunt, Lewis G., B.A., Newburyport, Mass 1865 Normal Robert R
Goforth, Franklin, Runcorn, Ches., Eng. 18 Gooding, Chas. E., Barbadoes, W. J. 18 Gordon, C. M., Gordon, Robert, **Gordon, W. W., **Graham, Charles E., Graham, Geo. A., **Graham, Heavy.**	63 H 84 * 81 H 68 * 63 H 65 H	Hils, Joseph, Hingston, W. H., Hockridge, Thos. G., Holden, Rufus, Holwell, John, Holmes, Andrew F., Houston, D. W., Howard, J. B., Howard, Robert, Howard, R. Palmer, Howard, R. J. B., B.A., Howden, Robert T., Howth, W. H., Howitt, Wm. H., Howland, Francis L., Hulbert, E. Augustus, Hunt, Henry, Hunt, J. H., Surg. Maj. Army, Med Dept. 1869 Hunt, Lewis G., B.A., Newburyport, Mass 1865 Normal Robert R
Goforth, Franklin, Runcorn, Ches., Eng. 18 Gooding, Chas. E., Barbadoes, W. J. 18 Gordon, C. M., Gordon, Robert, **Gordon, W. W., **Graham, Charles E., Graham, Geo. A., **Graham, Heavy.**	63 H 84 * 81 H 68 * 63 H 65 H	Hils, Joseph, Hingston, W. H., Hockridge, Thos. G., Friedland, Rufus, Holwell, John, Holmes, Andrew F., Houston, D. W., Howard, Alf. J., Howard, Robert, Howard, R. Palmer, Howard, R. J. B., B.A., Howden, Robert T., Houston, D. W. H., Howard, R. J. B., B.A., Howdand, R. J. B., B.A., Howden, Robert T., Howey, W. H., Howlert, E. Augustus, Hulbert, E. Augustus, Hunt, J. H., Hunt, J. Surg. Maj. Army, Med Hunt, Lewis G., B.A., Hurlbert, George W., Hurlbert, George W., Hurlbert, Richard W., Hurlbert, Robert R. 1 1873 London, Eng 1874 Led eun 1844 Lachine, O 1869 Lachine, O 1869 St. John's, O 1878 Lachine, O 1867 St. John's, O 1878 Montreal 1851 Lachine, O 1867 St. John's, O 1878
Goforth, Franklin, Runcorn, Ches., Eng. 18 Gooding, Chas. E., Barbadoes, W. J. 18 Gordon, C. M., Gordon, Robert, **Gordon, W. W., **Graham, Charles E., Graham, Geo. A., **Graham, Heavy.**	63 H 84 * 81 H 68 * 63 H 65 H	Hils, Joseph, Hingston, W. H., Hockridge, Thos. G., Friedland, Rufus, Holwell, John, Holmes, Andrew F., Houston, D. W., Howard, Alf. J., Howard, Robert, Howard, R. Palmer, Howard, R. J. B., B.A., Howden, Robert T., Houston, D. W. H., Howard, R. J. B., B.A., Howdand, R. J. B., B.A., Howden, Robert T., Howey, W. H., Howlert, E. Augustus, Hulbert, E. Augustus, Hunt, J. H., Hunt, J. Surg. Maj. Army, Med Hunt, Lewis G., B.A., Hurlbert, George W., Hurlbert, George W., Hurlbert, Richard W., Hurlbert, Robert R. 1 1873 London, Eng 1874 Led eun 1844 Lachine, O 1869 Lachine, O 1869 St. John's, O 1878 Lachine, O 1867 St. John's, O 1878 Montreal 1851 Lachine, O 1867 St. John's, O 1878
Goforth, Franklin, Runcorn, Ches., Eng. 18 Gooding, Chas. E., Barbadoes, W. J. 18 Gordon, C. M., Gordon, Robert, **Gordon, W. W., **Graham, Charles E., Graham, Geo. A., **Graham, Heavy.**	63 H 84 * 81 H 68 * 63 H 65 H	Hils, Joseph, Hingston, W. H., Hockridge, Thos. G., Friedlane, Rufus, Holden, Rufus, Holden, Rufus, Holden, Sandrew F., Houston, D. W., Howard, Alf. J., Howard, Robert, Howard, Robert, Howard, R. J. B., B.A., Howdrdn, Robert T., Howey, W. H., Howland, Francis L., Hulbert, E. Augustus, Hunt, J. H., Hunt, Henry, Hunt, J. H., Hunt, Lewis G., B.A., Hurdhan, Benj. F., Hurdman, Benj. F., Hurdman, Benj. F., Hurdhert, George W., Hurlbert, George W., Hutchisson, Jas. A., Brooklyn, N 1859 Hurdnan, Benj. F., Hurdnan, Benj. F., Hurdhert, George W., Hutchisson, Jas. A., Brooklyn, N 2 1859 Hurdnan, Benj. F., Hurdhert, George W., Hutchison, Jas. A., Brooklyn, N 2 1859 Hivende, O 1859 Hivende,
Goforth, Franklin, Runcorn, Ches., Eng. 18 Gooding, Chas. E., Barbadoes, W. J. 18 Gordon, C. M., Gordon, Robert, **Gordon, W. W., **Graham, Charles E., Graham, Geo. A., **Graham, Heavy.**	63 H 84 * 81 H 68 * 63 H 65 H	Hils, Joseph, Hingston, W. H., Hockridge, Thos. G., Friedlane, Rufus, Holden, Rufus, Holden, Rufus, Holden, Sandrew F., Houston, D. W., Howard, Alf. J., Howard, Robert, Howard, Robert, Howard, R. J. B., B.A., Howdrdn, Robert T., Howey, W. H., Howland, Francis L., Hulbert, E. Augustus, Hunt, J. H., Hunt, Henry, Hunt, J. H., Hunt, Lewis G., B.A., Hurdhan, Benj. F., Hurdman, Benj. F., Hurdman, Benj. F., Hurdhert, George W., Hurlbert, George W., Hutchisson, Jas. A., Brooklyn, N 1859 Hurdnan, Benj. F., Hurdnan, Benj. F., Hurdhert, George W., Hutchisson, Jas. A., Brooklyn, N 2 1859 Hurdnan, Benj. F., Hurdhert, George W., Hutchison, Jas. A., Brooklyn, N 2 1859 Hivende, O 1859 Hivende,
Goforth, Franklin, Runcorn, Ches., Eng. 18 Gooding, Chas. E., Barbadoes, W. J. 18 Gordon, C. M., Gordon, Robert, **Gordon, W. W., **Graham, Charles E., Graham, Geo. A., **Graham, Heavy.**	63 H 84 * 81 H 68 * 63 H 65 H	Hils, Joseph, Hingston, W. H., Hockridge, Thos. G., Friedlane, Rufus, Holden, Rufus, Holden, Rufus, Holden, Sandrew F., Houston, D. W., Howard, Alf. J., Howard, Robert, Howard, Robert, Howard, R. J. B., B.A., Howdrdn, Robert T., Howey, W. H., Howland, Francis L., Hulbert, E. Augustus, Hunt, J. H., Hunt, Henry, Hunt, J. H., Hunt, Lewis G., B.A., Hurdhan, Benj. F., Hurdman, Benj. F., Hurdman, Benj. F., Hurdhert, George W., Hurlbert, George W., Hutchisson, Jas. A., Brooklyn, N 1859 Hurdnan, Benj. F., Hurdnan, Benj. F., Hurdhert, George W., Hutchisson, Jas. A., Brooklyn, N 2 1859 Hurdnan, Benj. F., Hurdhert, George W., Hutchison, Jas. A., Brooklyn, N 2 1859 Hivende, O 1859 Hivende,
Goforth, Franklin, Runcorn, Ches., Eng. 18 Gooding, Chas. E., Barbadoes, W. J. 18 Gordon, C. M., Gordon, Robert, **Gordon, W. W., **Graham, Charles E., Graham, Geo. A., **Graham, Heavy.**	63 H 84 * 81 H 68 * 63 H 65 H	Hills, Joseph, Hingston, W. H., Hockridge, Thos. G., Holden, Rufus, Holwell, John, Hollens, Andrew F., Houston, D. W., Howard, J. B., Howard, Robert, Howard, R. Palmer, Howard, R. J. B., B.A., Howden, Robert T., Howden, Robert T., Howey, W. H., C. P. R. Matawan, O. 1876 Howitt, Wm. H., Howlth, Wm. H., Howlth, J. J., Hulbert, E. Augustus, Hunt, Henry, Hunt, J. H., Surg. Maj. Army, Med. Dept. 1869 Hunt, Lewis G., B.A., Hurdman, Benj. F. W., Hurbert, George W., Hurlbert, George W., Hurtchison, Jas. A., Hutchison, John A., Hutchison, John A., Hutchison, John A., Hurledr, R. W., Howled, W. W., Hurlbert, George W., Hutchison, Jas. A., Inveness, Q. 1882 Goderich, O. 1883 Goderich, O. 1884 Dept. 1869 Goderich, O. 1883 Goderich, O. 1884 Dept. 1869 Goderich, O. 1884 Dept. 1869 Goderich, O. 1883 Goderich, O. 1884 Dept. 1869 Goderich, O. 1883 Detroit, Michell, O. 1873 Bluevale, O. 1878 Goderich, O. 1883
Goforth, Franklin, Runcorn, Ches., Eng rates of Gooding, Chas. E., Barbadoes, W.I. 18 Gordon, C. M., Gordon, Robert, Gordon, W. W., Graham, Charles E., Graham, Geo. A., Montreal 18 Graham, Henry, Graham, Geo. A., Montreal 18 Grant, James A., Grant, James A., Grant, James A., Grant, William, Gray, John S., Gray, Thomas, Gray, James, Gray, James, Gray, James, Gray, Gray, W. L., Greaenwood, F. S., St. Catharines, O. 18 Greer, T. A., C. SS. Minia, Halifax, N. S. 18 Greer, T. A., C. SS. Minia, Halifax, N. S. 18 Greer, T. Thomas F., St. Catharines, O. 18 Guest, Thomas F., St. Catharines, O. 18 Guest, Thomas F., St. Mary's, O. 18 Guest, Thomas F., St. Mary's, O. 18 Guin, James, Gurd, David F., Gustin, William Claud, Detroit, Mich. 18 Hagarty Dan. M. J., Portage la Prairie, Manitoba 18 Manitoba	63 H 84 * 81 H 68 * 63 H 65 H	Hils, Joseph, Hingston, W. H., Hockridge, Thos. G., Friedlane, Rufus, Holden, Rufus, Holden, Rufus, Holden, Sandrew F., Houston, D. W., Howard, Alf. J., Howard, Robert, Howard, Robert, Howard, R. J. B., B.A., Howdrdn, Robert T., Howey, W. H., Howland, Francis L., Hulbert, E. Augustus, Hunt, J. H., Hunt, Henry, Hunt, J. H., Hunt, Lewis G., B.A., Hurdhan, Benj. F., Hurdman, Benj. F., Hurdman, Benj. F., Hurdhert, George W., Hurlbert, George W., Hutchisson, Jas. A., Brooklyn, N 1859 Hurdnan, Benj. F., Hurdnan, Benj. F., Hurdhert, George W., Hutchisson, Jas. A., Brooklyn, N 2 1859 Hurdnan, Benj. F., Hurdhert, George W., Hutchison, Jas. A., Brooklyn, N 2 1859 Hivende, O 1859 Hivende,

Irwin, J. L., 205 E. Ohio St. Chicago 1879 | Ves, Eli, 8- A. T., 1846 | Sarajackson, A. T., 1846 | Brockville, O 1873 | Manchester, N H 1879 | Lour, J. Brown, J. Bamieson, Thos. A., 1871 | Jamieson, Thos. A., 1871 | Johnson, J. C., 1871 | Johnson, J. C., 1871 | Johnson, J. R., 1872 | Johnson, J. R., 1873 | Johnson, J. R., 1874 | Johnson, J. R., 1874 | Johnson, J. R., 1875 | Johnson, J. R 1844 \*Long, Alexander,
Longley, Edmund,
Longpre, Pierre F.,
Loring, J. Brown,
\*Loupter, Andre,
Loux, William,
Lovett, William,
\*Lucas, T. D'Arcy
Lunam, H. B. A.,
Lundy, E. L.,
Lyford, Chs. C.,
Lyford, Chs. C.,
Semple Manager, Maj. Army 186,
MacDonald, Angus,
\*MacDonald, Angus,
\*Macdonald, Colin,
Macdonald, R. T. E.,
Macdonald, R. Stony Mountain, Man 189,
Stony Mountain, Man MacDonnell, Æneas, Ottawa 1849.
MacDonnell, R. L., B.A., Montreal 1876
MacFarlane, William, Almonte, O 1869
Macfie, James, Fort Covington, N Y 1860
MacIntosh, Robert, Rapid City, NWT 1863
MacMacK, Francis Lewis, Amherstburg, O 1862
\*Macklem, Samuel S., 1859
MacLean, Archibald, Sarnia, O 1867
\*Macnabb, Francis A. L., 1870
Macnabb, Francis A. L., 1870
Macnathur, Robert D., Chicago, Ill 1867
McArthur, Robert D., Chicago, Ill 1867
McArthur, John A., Martintown, O 1874 Stony Mountain, Man 1874 \*Keeler, Thomas, †Kelly, Clinton Wayne, Kelly, Patrick N., \*Rochester, Minn 1846 Kelly, Patrick N., Rochester, 1846

Kelly, Wm., 1846

Kelly, Thomas, Eamore St'n. 19 inerara 1873

Kempt, William, Kennedy, Riichard A., 1854

Kerr, James, Killery, St. John, King, Wm. M. H., St. Sylvestre, Q. 1859

King, Reginald, A. D., King, Richard, Kirtson John G., Kittson, Edmund G., Kitson, Edmund G Macneil, Alex., McArthur, Robert D., McArthur, John A., McBain, John, Martintown, O 1874 McCarthur, John
McBain, John,
McCallum, Duncan C.,
McCann, J. J., B.A.,
McCarthy, W.,
McContell, John B.,
McCordil, John D.,
McCornick, Andrew G.,
McCormick, Olspe McCorkill, K. Adrew G., McCormick, Andrew G., McCrimmon, Donald A., McCrimmon, John, McCrimmon, Milton, McCullough, George, McCullough, Michael, [Hon.] 1843
McCully, Oscar J. M. A., Baie Verte, N B 1879
Lohn, Chatham, N B 1866
Dunvegan, O 1875
O 1867 \*Kollmyer, Alex. H Laberge, Ed., Landor, Thos. H., Laberge, Ed.,
Landor, Thos. H.,
Lane, John A.,
Lang, Christopher L., O
Lang, W. A.,
Lang, Thomas D.,
Langlois, O. X.,
\*Langrell, Richard T.,
Larcoque, A. B.,
Lathern, J. S.,
Laurin, Edgar J.,
Law, D. W. C.,
Law, William K.,
†Lawford, John B.,
\*Lawrence, Henry J. H.,
Leavitt, Julius,
Lecleire, George,
Leclair, Napoleon,
Lee, James C.,
\*Law Darks St. Philomene, Q 1856 C. P. R'y., O 1884 1877 Owen Sound, O 1876 St. Mary's, O 1881 McCurdy, John,
McDermid, Wm.,
McDiarmid, Donald,
McDiarmid, James,
McDonald, Alex.,
†McDonald, John A.,
McDonald, Jos. D. A.,
McDonald, R. C.,
McDonald, Roderick,
McDonald, Alex. R.,
McDonell, Angus C.,
McDonell, Angus C.,
%McDougall, Peter A.,
%McDougall, Peter A.,
McEachran, W.,
McEwan, Findlay, Amherstberg, O 1875 Dunvegan, O 1875 Athol, O 1867 Hensall, O 1873 Paisley, O 1883 Montreal 1880 Montreal 1847 Montreal 1847
Halifax, N S 1883
Deer Lodge, Mon 1881
Bond Head, O 1863
Coleraine, Irel 1879
London, Eng 1879
H., 1862 Montreal 1880
Acton Vale, Q 1873
Spencer, Iowa 1880
Cornwall, O 1834
Trinity, Texas 1882
Alexandria, O 1874
Montreal 1852 Melbourne, Q 1866 Montreal 1851 Lancaster, O 1861 Leclair, Napoleon,
Lee, James C.,
Lee, James C.,
Lefebvre, John M.,
Legault D., Salaberry de Valleyfield, Q 1866
Lemoine, C., St. Pierre, Isle d'Orleans 1850
Lepailleur, Leonard,
Levi, Reuben,
Lindsay, Heriot,
Letster, Iames,
Lloyd, H. W.,
Locke, C. F. A.,
Logan, Robert,
\*Logan, Robert,
\*Logie, William,

Lancaster, O 1861
Rey
Rockville, O 1879
Rockvill Ottawa, O 1864 Winnipeg, Man 1880 Carlton Place, O 1890 Lowell, Mass 1881 Drummondville, O 1857 McEachran, W., McEwan, Findlay, McGannon, E. A.,
McGanron, E. A.,
McGarry, James,
McGeachy, William,
McGill, William,
McGowan, Henry W.,
McGrath, Thomas,
McGrath, Thomas, Iona, O 1867 Beebe Plain, Q 1867 1842 \*McGregor, Duncan, 1880 McGuigan, W. J., 1833 \*McGuire, Bernard D., London, O 1879

McIlmoyl, Henry A., McInnes, Walter J., McInnes, Walter J., McIntosh, James, McIntosh, Donald J., McKenzie, B. E., B.A., McKedcan, George Lloyd, McKenzie, K. A. J., McKay, John, McKay, John K., McLaren, Peter, McLaren, Peter, McLaren, Peter, McLaren, D. C., B.A., McLean, J. W., McLaren, D. C., B.A., McLean, J. W., McLean, J. W., McLean, J. M., B.A., McLean, J. M., B.A., McLean, J. M., B.A., McLedan, J. M., B.A., McLedan, J. M., B.A., McLedod, Arch., B.A., New Westminster, McMillan, Janes, McMillan, Louis, J. A., McMillan, Louis, J. A., McNouillen, James, McNew, Stewart, McNee, Stewart, McNee, James, McNewl, Ernest, Vermont River, PE I 1894 McNulch, M., Malloolm, John M., Malloolm, John M., Malloolm, John Rolph, Malloolm, John Rolph, Malloolm, John Rolph, Malloolm, John Rolph, Malloolm, John J., Martie, Ovide, Marston, John J., Marston, John J., Marston, John J., Martee, Rich. J., Martie, Richard S., Memean, John, Meshan, J. C., Martie, Ovide, Marston, John J., Martie, Ovide, Marston, John B., Merritt, D. P., B.A., Mignault, L. D., B.A., Mills, Thos. W., M.A., Mignault, L. D., B.A., Mills, Thos. W., M.A., Mill			
McKenzie, B. E., B.A., Riverside, Toronto, O 1880 McKenzie, K. A. J., Portland, Oregon 1881 McKay, John, McKay, Walter, McKinley, John K., McLaren, Peter, McLaren, Peter, McLaren, Peter, McLaren, Peter, McLaren, D. C., B.A., Montreal 1880 McLean, J. W., Point Hastings, N S 1883 McLean, J. M., Fergus Falls, Minn 1881 McMedillan, Janes, McMillan, Louis, J. A., Mansonville, Q. 1860 McMillan, John, McNew Stander, McNulty, M., Frashers Falls, N. Y. 1880 McQuillen, James, McNulty, M., Brashers Falls, N. Y. 1880 McQuillen, James, Marquette, Mich 1874 Madilloth, Alfred, Malloch, Edward C., Malloth, Edward C., Malloth, Alfred, Malloch, Edward C., Malloth, Alfred, Malloch, Edward C., Martel, Ovide, Marston, John J., Martel, Ovide, Marston, John J., Marston, John J., Martel, Ovide, Marston, John J., Marston, John J., Martel, Ovide, Marston, John J., Martel, Ovide, Marston, John M., Staff Srg, Maj. Army 1869 McLeaff, Henry J., Meehunn, F. H., Memburn, F. H., Memburn, F. H., Mignault, L. D., B.A., Montreal, Q. 1880 Miller, R., Surg. N. W. Mounted Police Miller, R., Su	McIlmoyl Henry A	Clayton N V	-0-0
McKenzie, B. E., B.A., Riverside, Toronto, O 1880 McKenzie, K. A. J., Portland, Oregon 1881 McKay, John, McKay, Walter, McKinley, John K., McLaren, Peter, McLaren, Peter, McLaren, Peter, McLaren, Peter, McLaren, D. C., B.A., Montreal 1880 McLean, J. W., Point Hastings, N S 1883 McLean, J. M., Fergus Falls, Minn 1881 McMedillan, Janes, McMillan, Louis, J. A., Mansonville, Q. 1860 McMillan, John, McNew Stander, McNulty, M., Frashers Falls, N. Y. 1880 McQuillen, James, McNulty, M., Brashers Falls, N. Y. 1880 McQuillen, James, Marquette, Mich 1874 Madilloth, Alfred, Malloch, Edward C., Malloth, Edward C., Malloth, Alfred, Malloch, Edward C., Malloth, Alfred, Malloch, Edward C., Martel, Ovide, Marston, John J., Martel, Ovide, Marston, John J., Marston, John J., Martel, Ovide, Marston, John J., Marston, John J., Martel, Ovide, Marston, John J., Martel, Ovide, Marston, John M., Staff Srg, Maj. Army 1869 McLeaff, Henry J., Meehunn, F. H., Memburn, F. H., Memburn, F. H., Mignault, L. D., B.A., Montreal, Q. 1880 Miller, R., Surg. N. W. Mounted Police Miller, R., Su	McInerney Ias P	Kingston N E	1070
McKenzie, B. E., B.A., Riverside, Toronto, O 1880 McKenzie, K. A. J., Portland, Oregon 1881 McKay, John, McKay, Walter, McKinley, John K., McLaren, Peter, McLaren, Peter, McLaren, Peter, McLaren, Peter, McLaren, D. C., B.A., Montreal 1880 McLean, J. W., Point Hastings, N S 1883 McLean, J. M., Fergus Falls, Minn 1881 McMedillan, Janes, McMillan, Louis, J. A., Mansonville, Q. 1860 McMillan, John, McNew Stander, McNulty, M., Frashers Falls, N. Y. 1880 McQuillen, James, McNulty, M., Brashers Falls, N. Y. 1880 McQuillen, James, Marquette, Mich 1874 Madilloth, Alfred, Malloch, Edward C., Malloth, Edward C., Malloth, Alfred, Malloch, Edward C., Malloth, Alfred, Malloch, Edward C., Martel, Ovide, Marston, John J., Martel, Ovide, Marston, John J., Marston, John J., Martel, Ovide, Marston, John J., Marston, John J., Martel, Ovide, Marston, John J., Martel, Ovide, Marston, John M., Staff Srg, Maj. Army 1869 McLeaff, Henry J., Meehunn, F. H., Memburn, F. H., Memburn, F. H., Mignault, L. D., B.A., Montreal, Q. 1880 Miller, R., Surg. N. W. Mounted Police Miller, R., Su	McInnes Walter I	Victoria O	1004
McKenzie, B. E., B.A., Riverside, Toronto, O 1880 McKenzie, K. A. J., Portland, Oregon 1881 McKay, John, McKay, Walter, McKinley, John K., McLaren, Peter, McLaren, Peter, McLaren, Peter, McLaren, Peter, McLaren, D. C., B.A., Montreal 1880 McLean, J. W., Point Hastings, N S 1883 McLean, J. M., Fergus Falls, Minn 1881 McMedillan, Janes, McMillan, Louis, J. A., Mansonville, Q. 1860 McMillan, John, McNew Stander, McNulty, M., Frashers Falls, N. Y. 1880 McQuillen, James, McNulty, M., Brashers Falls, N. Y. 1880 McQuillen, James, Marquette, Mich 1874 Madilloth, Alfred, Malloch, Edward C., Malloth, Edward C., Malloth, Alfred, Malloch, Edward C., Malloth, Alfred, Malloch, Edward C., Martel, Ovide, Marston, John J., Martel, Ovide, Marston, John J., Marston, John J., Martel, Ovide, Marston, John J., Marston, John J., Martel, Ovide, Marston, John J., Martel, Ovide, Marston, John M., Staff Srg, Maj. Army 1869 McLeaff, Henry J., Meehunn, F. H., Memburn, F. H., Memburn, F. H., Mignault, L. D., B.A., Montreal, Q. 1880 Miller, R., Surg. N. W. Mounted Police Miller, R., Su	MaIntach Iamas V	victoria, O	1805
McKenzie, B. E., B.A., Riverside, Toronto, O 1880 McKenzie, K. A. J., Portland, Oregon 1881 McKay, John, McKay, Walter, McKinley, John K., McLaren, Peter, McLaren, Peter, McLaren, Peter, McLaren, Peter, McLaren, D. C., B.A., Montreal 1880 McLean, J. W., Point Hastings, N S 1883 McLean, J. M., Fergus Falls, Minn 1881 McMedillan, Janes, McMillan, Louis, J. A., Mansonville, Q. 1860 McMillan, John, McNew Stander, McNulty, M., Frashers Falls, N. Y. 1880 McQuillen, James, McNulty, M., Brashers Falls, N. Y. 1880 McQuillen, James, Marquette, Mich 1874 Madilloth, Alfred, Malloch, Edward C., Malloth, Edward C., Malloth, Alfred, Malloch, Edward C., Malloth, Alfred, Malloch, Edward C., Martel, Ovide, Marston, John J., Martel, Ovide, Marston, John J., Marston, John J., Martel, Ovide, Marston, John J., Marston, John J., Martel, Ovide, Marston, John J., Martel, Ovide, Marston, John M., Staff Srg, Maj. Army 1869 McLeaff, Henry J., Meehunn, F. H., Memburn, F. H., Memburn, F. H., Mignault, L. D., B.A., Montreal, Q. 1880 Miller, R., Surg. N. W. Mounted Police Miller, R., Su	Malatal Daniel T	ankieek fill, U	1859
McKenzie, B. E., B.A., Riverside, Toronto, O 1880 McKenzie, K. A. J., Portland, Oregon 1881 McKay, John, McKay, Walter, McKinley, John K., McLaren, Peter, McLaren, Peter, McLaren, Peter, McLaren, Peter, McLaren, D. C., B.A., Montreal 1880 McLean, J. W., Point Hastings, N S 1883 McLean, J. M., Fergus Falls, Minn 1881 McMedillan, Janes, McMillan, Louis, J. A., Mansonville, Q. 1860 McMillan, John, McNew Stander, McNulty, M., Frashers Falls, N. Y. 1880 McQuillen, James, McNulty, M., Brashers Falls, N. Y. 1880 McQuillen, James, Marquette, Mich 1874 Madilloth, Alfred, Malloch, Edward C., Malloth, Edward C., Malloth, Alfred, Malloch, Edward C., Malloth, Alfred, Malloch, Edward C., Martel, Ovide, Marston, John J., Martel, Ovide, Marston, John J., Marston, John J., Martel, Ovide, Marston, John J., Marston, John J., Martel, Ovide, Marston, John J., Martel, Ovide, Marston, John M., Staff Srg, Maj. Army 1869 McLeaff, Henry J., Meehunn, F. H., Memburn, F. H., Memburn, F. H., Mignault, L. D., B.A., Montreal, Q. 1880 Miller, R., Surg. N. W. Mounted Police Miller, R., Su	Micintosh, Donald J., V	ankleek Hill, O	1870
McKenzie, K. A. J., McKay, John, McKay, John K., McLaren, Peter, McLean, J. W., McLean, Alexander, McLean, J. W., Point Hastings, NS 1883 McLean, J. M., B.A., McLean, J. M., B.A., McLean, J. M., B.A., McLedan, J. M., B.A., McLedan, J. M., B.A., McLedan, J. M., B.A., McLedod, Arch., B.A., New Westminster, McLeod James, McMillan, James, McMillan, Aeneas J., McMillan, Louis, J. A., McNee, Stewart, McNee, Stewart, McNee, George, McNulty, M., Brashers Falls, NY 1880 McQuillen, James, Maryand, Mallooth, William B., Mallooth, William B., Mallooth, William B., Malloch, William B., Malloth, William B., Malloth, William B., Marr, Walter H., Marri, Ovide, Marston, John J., Marttel, Ovide, Marston, John H., Marttel, Ovide, Mayrand, William, Meane, John, Staff Srg, Maj. Army Meek, Jas. A., 20 W. 25th St. New York McSignault, L. D., B.A., Mignault, L. D., B.A., Montreal, Q 1869 McLage, Clored L., Marrien, John Maryand, William, Marston, John B., Marston, John B., Marston, John B., Marston, John B., Marrien, John Mayrand, William, Meane, John, Staff Srg, Maj. Army Meek, Jas. A., 20 W. 25th St. New York Mayrand, William, Mignault, L. D., B.A., Montreal, Q 1869 McLage, Clarent Mayrand, William, Maryand, William, Meen, John, Martiel, Ovide, Marston, John B., Martiel, Ovide, Meane, John, Martiel, Ovide, Meane, John, Maryand, William, Meen, John, Martiel, Ovide, Marston, John B., Marrien, Oylon, Martiel, Ovide, Marston, John B., Martiel, Ovide, M	McIntyre, Peter A.,	Souris, PEI	1867
McKenzie, K. A. J., McKay, John, McKay, John K., McLaren, Peter, McLean, J. W., McLean, Alexander, McLean, J. W., Point Hastings, NS 1883 McLean, J. M., B.A., McLean, J. M., B.A., McLean, J. M., B.A., McLedan, J. M., B.A., McLedan, J. M., B.A., McLedan, J. M., B.A., McLedod, Arch., B.A., New Westminster, McLeod James, McMillan, James, McMillan, Aeneas J., McMillan, Louis, J. A., McNee, Stewart, McNee, Stewart, McNee, George, McNulty, M., Brashers Falls, NY 1880 McQuillen, James, Maryand, Mallooth, William B., Mallooth, William B., Mallooth, William B., Malloch, William B., Malloth, William B., Malloth, William B., Marr, Walter H., Marri, Ovide, Marston, John J., Marttel, Ovide, Marston, John H., Marttel, Ovide, Mayrand, William, Meane, John, Staff Srg, Maj. Army Meek, Jas. A., 20 W. 25th St. New York McSignault, L. D., B.A., Mignault, L. D., B.A., Montreal, Q 1869 McLage, Clored L., Marrien, John Maryand, William, Marston, John B., Marston, John B., Marston, John B., Marston, John B., Marrien, John Mayrand, William, Meane, John, Staff Srg, Maj. Army Meek, Jas. A., 20 W. 25th St. New York Mayrand, William, Mignault, L. D., B.A., Montreal, Q 1869 McLage, Clarent Mayrand, William, Maryand, William, Meen, John, Martiel, Ovide, Marston, John B., Martiel, Ovide, Meane, John, Martiel, Ovide, Meane, John, Maryand, William, Meen, John, Martiel, Ovide, Marston, John B., Marrien, Oylon, Martiel, Ovide, Marston, John B., Martiel, Ovide, M	McKelcan, George Lloyd	, Hamilton, O	1860
McKenzie, K. A. J., McKay, John, McKay, John K., McLaren, Peter, McLean, J. W., McLean, Alexander, McLean, J. W., Point Hastings, NS 1883 McLean, J. M., B.A., McLean, J. M., B.A., McLean, J. M., B.A., McLedan, J. M., B.A., McLedan, J. M., B.A., McLedan, J. M., B.A., McLedod, Arch., B.A., New Westminster, McLeod James, McMillan, James, McMillan, Aeneas J., McMillan, Louis, J. A., McNee, Stewart, McNee, Stewart, McNee, George, McNulty, M., Brashers Falls, NY 1880 McQuillen, James, Maryand, Mallooth, William B., Mallooth, William B., Mallooth, William B., Malloch, William B., Malloth, William B., Malloth, William B., Marr, Walter H., Marri, Ovide, Marston, John J., Marttel, Ovide, Marston, John H., Marttel, Ovide, Mayrand, William, Meane, John, Staff Srg, Maj. Army Meek, Jas. A., 20 W. 25th St. New York McSignault, L. D., B.A., Mignault, L. D., B.A., Montreal, Q 1869 McLage, Clored L., Marrien, John Maryand, William, Marston, John B., Marston, John B., Marston, John B., Marston, John B., Marrien, John Mayrand, William, Meane, John, Staff Srg, Maj. Army Meek, Jas. A., 20 W. 25th St. New York Mayrand, William, Mignault, L. D., B.A., Montreal, Q 1869 McLage, Clarent Mayrand, William, Maryand, William, Meen, John, Martiel, Ovide, Marston, John B., Martiel, Ovide, Meane, John, Martiel, Ovide, Meane, John, Maryand, William, Meen, John, Martiel, Ovide, Marston, John B., Marrien, Oylon, Martiel, Ovide, Marston, John B., Martiel, Ovide, M	McKenzie, B. E., B.A.,	Riverside	
McKenzie, K. A. J., McKay, John, McKay, John K., McLaren, Peter, McLean, J. W., McLean, Alexander, McLean, J. W., Point Hastings, NS 1883 McLean, J. M., B.A., McLean, J. M., B.A., McLean, J. M., B.A., McLedan, J. M., B.A., McLedan, J. M., B.A., McLedan, J. M., B.A., McLedod, Arch., B.A., New Westminster, McLeod James, McMillan, James, McMillan, Aeneas J., McMillan, Louis, J. A., McNee, Stewart, McNee, Stewart, McNee, George, McNulty, M., Brashers Falls, NY 1880 McQuillen, James, Maryand, Mallooth, William B., Mallooth, William B., Mallooth, William B., Malloch, William B., Malloth, William B., Malloth, William B., Marr, Walter H., Marri, Ovide, Marston, John J., Marttel, Ovide, Marston, John H., Marttel, Ovide, Mayrand, William, Meane, John, Staff Srg, Maj. Army Meek, Jas. A., 20 W. 25th St. New York McSignault, L. D., B.A., Mignault, L. D., B.A., Montreal, Q 1869 McLage, Clored L., Marrien, John Maryand, William, Marston, John B., Marston, John B., Marston, John B., Marston, John B., Marrien, John Mayrand, William, Meane, John, Staff Srg, Maj. Army Meek, Jas. A., 20 W. 25th St. New York Mayrand, William, Mignault, L. D., B.A., Montreal, Q 1869 McLage, Clarent Mayrand, William, Maryand, William, Meen, John, Martiel, Ovide, Marston, John B., Martiel, Ovide, Meane, John, Martiel, Ovide, Meane, John, Maryand, William, Meen, John, Martiel, Ovide, Marston, John B., Marrien, Oylon, Martiel, Ovide, Marston, John B., Martiel, Ovide, M		Toronto ()	T880
McKay, Walter, McKinley, John K. McKaren, Peter, McLaren, Peter, McLaren, Peter, McLaren, Peter, McLaren, Peter, McLean, Alexander, McLean, Alexander, McLean, J. W., Point Hastings, NS 1883 McLean, J. W., Pictou, NS 1884 McLelan, Jas. H., Summerside, P E I 1884 McLedod, Arch., B.A., New Westminster, McMillan, J. M., McMillan, Eneas J., McMillan, Louis, J. A., McMillan, Louis, J. A., McMillan, Louis, J. A., McMellan, Eneas J., McMellan, Eneas J., McMillan, Louis, J. A., McMellan, Eneas J., McMellan, Eneas J., McMellan, Eneas J., McMellan, Eneas J., McMillan, Eneas J., McMillan, Eneas J., McMellan, Eneas J., McMellan, Eneas J., McMcMurray, Samuel, McNece, Stewart, McNece, James, McNece, James, McNece, James, McNecli, Ernest, McNell, Ernest, McNell, Ernest, McNell, Ernest, McNell, Ernest, McNell, Ernest, McNell, Ernest, McNey I 1874 McMallord, Mert E., Maric, John M., Mallord, William B., Mallord, William B., Mallord, William B., Mallord, William B., Marston, John J., Marston, John J., Martel, Ovide, Marston, Alonzo W., Marston, John J., Martel, Ovide, Marston, John H., Martel, Ovide, Marston, John H., Martel, Ovide, Marston, John B., Martel, Ovide, Marston, Olon B., Martel, Ovide, Marston, Olon B., Martel, Ovide, Marston, Olon B., Martel, Ovide,	McKenzie K A I P	ortland Orogan	-00-
McMicking, George, McMillan, Aeneas J., McMillan, Louis, J. A., McMillan, Louis, J. A., McMillan, Louis, J. A., McMurray, Samuel, *McNaughton, E. P., McNece, Stewart, McNece, James, McNece, James, McNewil, Ernest, Vermont River, P. E. I. 1870 McNulty, M., Brashers Falls, N. Y. 1880 McQuillen, James, McNaughton, E. P., McNetae, George, McNulty, M., McRae, George, McNulty, M., McGargart, Alexander, *McVean, John M., Maloolm, John Rolph, Madill, John, Maloolm, John Rolph, Malloth, Alfred, Malloch, William B., Malory, Albert E., Marr, Walter H., Marston, John J., Marston, John J., Marston, John J., Martte, Ovide, Masson, J. L., M.A, Meane, John, Mayrand, William, Meahan, J. C., Mayrand, William, Meane, John, Mayrand, William, Meane, John, Staff Srg, Maj, Army Meek, Jas, A., 20 W. 25th St. New York Merritt, D. P., B.A., Mignault, L. D., B.A., Montreal, Pt. Morteal, Pt. Martico, Vide, Marston, John J., Mayrand, William, Meane, John, Staff Srg, Maj, Army Meek, Jas, A., 20 W. 25th St. New York Merritt, D. P., B.A., Mignault, L. D., B.A., Montreal, Q. 1850 Miller, R., Surg, N. W. Mounted Police Montreal, Q. 1850 Montreal, Q. 1850 Montreal, Q. 1850 Miller, R., Surg, N. W. Mounted Police Manson, J. L., Manson, J. E., Mary J., Martico, Q. 1850 Mary J. Martico, Q. 1850 Miller, R., Surg, N. W. Mounted Police Manson, J. L., Montreal, Q. 1850 Manson, J. L., Manson, J.	McVov John	Wasdwill O	1001
McMicking, George, McMillan, Aeneas J., McMillan, Louis, J. A., McMillan, Louis, J. A., McMillan, Louis, J. A., McMurray, Samuel, *McNaughton, E. P., McNece, Stewart, McNece, James, McNece, James, McNewil, Ernest, Vermont River, P. E. I. 1870 McNulty, M., Brashers Falls, N. Y. 1880 McQuillen, James, McNaughton, E. P., McNetae, George, McNulty, M., McRae, George, McNulty, M., McGargart, Alexander, *McVean, John M., Maloolm, John Rolph, Madill, John, Maloolm, John Rolph, Malloth, Alfred, Malloch, William B., Malory, Albert E., Marr, Walter H., Marston, John J., Marston, John J., Marston, John J., Martte, Ovide, Masson, J. L., M.A, Meane, John, Mayrand, William, Meahan, J. C., Mayrand, William, Meane, John, Mayrand, William, Meane, John, Staff Srg, Maj, Army Meek, Jas, A., 20 W. 25th St. New York Merritt, D. P., B.A., Mignault, L. D., B.A., Montreal, Pt. Morteal, Pt. Martico, Vide, Marston, John J., Mayrand, William, Meane, John, Staff Srg, Maj, Army Meek, Jas, A., 20 W. 25th St. New York Merritt, D. P., B.A., Mignault, L. D., B.A., Montreal, Q. 1850 Miller, R., Surg, N. W. Mounted Police Montreal, Q. 1850 Montreal, Q. 1850 Montreal, Q. 1850 Miller, R., Surg, N. W. Mounted Police Manson, J. L., Manson, J. E., Mary J., Martico, Q. 1850 Mary J. Martico, Q. 1850 Miller, R., Surg, N. W. Mounted Police Manson, J. L., Montreal, Q. 1850 Manson, J. L., Manson, J.	MeVer Weller	Woodville, O	1809
McMicking, George, McMillan, Aeneas J., McMillan, Louis, J. A., McMillan, Louis, J. A., McMillan, Louis, J. A., McMurray, Samuel, *McNaughton, E. P., McNece, Stewart, McNece, James, McNece, James, McNewil, Ernest, Vermont River, P. E. I. 1870 McNulty, M., Brashers Falls, N. Y. 1880 McQuillen, James, McNaughton, E. P., McNetae, George, McNulty, M., McRae, George, McNulty, M., McGargart, Alexander, *McVean, John M., Maloolm, John Rolph, Madill, John, Maloolm, John Rolph, Malloth, Alfred, Malloch, William B., Malory, Albert E., Marr, Walter H., Marston, John J., Marston, John J., Marston, John J., Martte, Ovide, Masson, J. L., M.A, Meane, John, Mayrand, William, Meahan, J. C., Mayrand, William, Meane, John, Mayrand, William, Meane, John, Staff Srg, Maj, Army Meek, Jas, A., 20 W. 25th St. New York Merritt, D. P., B.A., Mignault, L. D., B.A., Montreal, Pt. Morteal, Pt. Martico, Vide, Marston, John J., Mayrand, William, Meane, John, Staff Srg, Maj, Army Meek, Jas, A., 20 W. 25th St. New York Merritt, D. P., B.A., Mignault, L. D., B.A., Montreal, Q. 1850 Miller, R., Surg, N. W. Mounted Police Montreal, Q. 1850 Montreal, Q. 1850 Montreal, Q. 1850 Miller, R., Surg, N. W. Mounted Police Manson, J. L., Manson, J. E., Mary J., Martico, Q. 1850 Mary J. Martico, Q. 1850 Miller, R., Surg, N. W. Mounted Police Manson, J. L., Montreal, Q. 1850 Manson, J. L., Manson, J.	McKay, waiter,	Courtland, O	1854
McMicking, George, McMillan, Aeneas J., McMillan, Louis, J. A., McMillan, Louis, J. A., McMillan, Louis, J. A., McMurray, Samuel, *McNaughton, E. P., McNece, Stewart, McNece, James, McNece, James, McNewil, Ernest, Vermont River, P. E. I. 1870 McNulty, M., Brashers Falls, N. Y. 1880 McQuillen, James, McNaughton, E. P., McNetae, George, McNulty, M., McRae, George, McNulty, M., McGargart, Alexander, *McVean, John M., Maloolm, John Rolph, Madill, John, Maloolm, John Rolph, Malloth, Alfred, Malloch, William B., Malory, Albert E., Marr, Walter H., Marston, John J., Marston, John J., Marston, John J., Martte, Ovide, Masson, J. L., M.A, Meane, John, Mayrand, William, Meahan, J. C., Mayrand, William, Meane, John, Mayrand, William, Meane, John, Staff Srg, Maj, Army Meek, Jas, A., 20 W. 25th St. New York Merritt, D. P., B.A., Mignault, L. D., B.A., Montreal, Pt. Morteal, Pt. Martico, Vide, Marston, John J., Mayrand, William, Meane, John, Staff Srg, Maj, Army Meek, Jas, A., 20 W. 25th St. New York Merritt, D. P., B.A., Mignault, L. D., B.A., Montreal, Q. 1850 Miller, R., Surg, N. W. Mounted Police Montreal, Q. 1850 Montreal, Q. 1850 Montreal, Q. 1850 Miller, R., Surg, N. W. Mounted Police Manson, J. L., Manson, J. E., Mary J., Martico, Q. 1850 Mary J. Martico, Q. 1850 Miller, R., Surg, N. W. Mounted Police Manson, J. L., Montreal, Q. 1850 Manson, J. L., Manson, J.	McKinley, John K.,	Bristol, Q	1878
McMicking, George, McMillan, Aeneas J., McMillan, Louis, J. A., McMillan, Louis, J. A., McMillan, Louis, J. A., McMurray, Samuel, *McNaughton, E. P., McNece, Stewart, McNece, James, McNece, James, McNewil, Ernest, Vermont River, P. E. I. 1870 McNulty, M., Brashers Falls, N. Y. 1880 McQuillen, James, McNaughton, E. P., McNetae, George, McNulty, M., McRae, George, McNulty, M., McGargart, Alexander, *McVean, John M., Maloolm, John Rolph, Madill, John, Maloolm, John Rolph, Malloth, Alfred, Malloch, William B., Malory, Albert E., Marr, Walter H., Marston, John J., Marston, John J., Marston, John J., Martte, Ovide, Masson, J. L., M.A, Meane, John, Mayrand, William, Meahan, J. C., Mayrand, William, Meane, John, Mayrand, William, Meane, John, Staff Srg, Maj, Army Meek, Jas, A., 20 W. 25th St. New York Merritt, D. P., B.A., Mignault, L. D., B.A., Montreal, Pt. Morteal, Pt. Martico, Vide, Marston, John J., Mayrand, William, Meane, John, Staff Srg, Maj, Army Meek, Jas, A., 20 W. 25th St. New York Merritt, D. P., B.A., Mignault, L. D., B.A., Montreal, Q. 1850 Miller, R., Surg, N. W. Mounted Police Montreal, Q. 1850 Montreal, Q. 1850 Montreal, Q. 1850 Miller, R., Surg, N. W. Mounted Police Manson, J. L., Manson, J. E., Mary J., Martico, Q. 1850 Mary J. Martico, Q. 1850 Miller, R., Surg, N. W. Mounted Police Manson, J. L., Montreal, Q. 1850 Manson, J. L., Manson, J.	McLaren, Peter, B	rudenell, P E I	1860
McMicking, George, McMillan, Aeneas J., McMillan, Louis, J. A., McMillan, Louis, J. A., McMillan, Louis, J. A., McMurray, Samuel, *McNaughton, E. P., McNece, Stewart, McNece, James, McNece, James, McNewil, Ernest, Vermont River, P. E. I. 1870 McNulty, M., Brashers Falls, N. Y. 1880 McQuillen, James, McNaughton, E. P., McNetae, George, McNulty, M., McRae, George, McNulty, M., McGargart, Alexander, *McVean, John M., Maloolm, John Rolph, Madill, John, Maloolm, John Rolph, Malloth, Alfred, Malloch, William B., Malory, Albert E., Marr, Walter H., Marston, John J., Marston, John J., Marston, John J., Martte, Ovide, Masson, J. L., M.A, Meane, John, Mayrand, William, Meahan, J. C., Mayrand, William, Meane, John, Mayrand, William, Meane, John, Staff Srg, Maj, Army Meek, Jas, A., 20 W. 25th St. New York Merritt, D. P., B.A., Mignault, L. D., B.A., Montreal, Pt. Morteal, Pt. Martico, Vide, Marston, John J., Mayrand, William, Meane, John, Staff Srg, Maj, Army Meek, Jas, A., 20 W. 25th St. New York Merritt, D. P., B.A., Mignault, L. D., B.A., Montreal, Q. 1850 Miller, R., Surg, N. W. Mounted Police Montreal, Q. 1850 Montreal, Q. 1850 Montreal, Q. 1850 Miller, R., Surg, N. W. Mounted Police Manson, J. L., Manson, J. E., Mary J., Martico, Q. 1850 Mary J. Martico, Q. 1850 Miller, R., Surg, N. W. Mounted Police Manson, J. L., Montreal, Q. 1850 Manson, J. L., Manson, J.	McLaren, Peter,	Paisley, O	1861
McMicking, George, McMillan, Aeneas J., McMillan, Louis, J. A., McMillan, Louis, J. A., McMillan, Louis, J. A., McMurray, Samuel, *McNaughton, E. P., McNece, Stewart, McNece, James, McNece, James, McNewil, Ernest, Vermont River, P. E. I. 1870 McNulty, M., Brashers Falls, N. Y. 1880 McQuillen, James, McNaughton, E. P., McNetae, George, McNulty, M., McRae, George, McNulty, M., McGargart, Alexander, *McVean, John M., Maloolm, John Rolph, Madill, John, Maloolm, John Rolph, Malloth, Alfred, Malloch, William B., Malory, Albert E., Marr, Walter H., Marston, John J., Marston, John J., Marston, John J., Martte, Ovide, Masson, J. L., M.A, Meane, John, Mayrand, William, Meahan, J. C., Mayrand, William, Meane, John, Mayrand, William, Meane, John, Staff Srg, Maj, Army Meek, Jas, A., 20 W. 25th St. New York Merritt, D. P., B.A., Mignault, L. D., B.A., Montreal, Pt. Morteal, Pt. Martico, Vide, Marston, John J., Mayrand, William, Meane, John, Staff Srg, Maj, Army Meek, Jas, A., 20 W. 25th St. New York Merritt, D. P., B.A., Mignault, L. D., B.A., Montreal, Q. 1850 Miller, R., Surg, N. W. Mounted Police Montreal, Q. 1850 Montreal, Q. 1850 Montreal, Q. 1850 Miller, R., Surg, N. W. Mounted Police Manson, J. L., Manson, J. E., Mary J., Martico, Q. 1850 Mary J. Martico, Q. 1850 Miller, R., Surg, N. W. Mounted Police Manson, J. L., Montreal, Q. 1850 Manson, J. L., Manson, J.	McLaren, Peter.	Ormstown, O	T872
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McNeil, Ernest, Vermont River, P E I 1870 McNeill, Ernest, Vermont River, P E I 1870 McNeill, Ernest, Vermont River, P E I 1870 McNeill, Algheat, P I 1870 McNeill, Algheat, Alliston, O 1867 Mallory, George W., B.A., Mey Vork 1887 Mallory, Albert E., Marceau, Louis T., Markell, Richard S., Cloverdale, Cal 1867 Martel, Ovide, Marston, John J., Marston, John J., Marston, John J., Marston, John H., Mathieson, Niel, Mathieson, Niel, Mathieson, Niel, Mathieson, Niel, Mathieson, Niel, Mathieson, Niel, Meahan, J. C., Bathurst, N B 1884 Meane, John, Staff Srg. Maj. Army 1869 Meek, Jas. A., 20 W. 25th St. New York 1875 Meendent, Thomas L. B., Merritt, D. P., B.A., Fitzroy Harbor, O 1884 Merchitt, Thomas L. B., Merritt, D. P., B.A., Mignault, L. D., B.A., Montreal, Q 1880 Miller, R., Surg. N. W. Mounted Police McNeill, Surg. N. W. Mounted Police McNeiller, McNet St. N. W. St. Andrews, Q 1880 Miller, R., Surg. N. W. Mounted Police	McMurray, Samuel,		1841
McNeil, Ernest, Vermont River, P E I 1870 McNeil, James, Marquette, Mich 1874 McNeil, James, Marquette, Mich 1876 McNeil, James, Alliston, O 1867 McNeil, Alfred, Malloto, Life, Mexicolom, John Montel, Richard S., Cloverdale, Cal 1867 Martel, Ovide, Marston, John J., Marston, John J., Marston, John J., Marston, John H., Mathieson, Niel, Mathieson, Niel, Mathieson, Niel, Mathieson, Niel, Mathieson, Niel, Meahan, J. C., Bathurst, N B 1884 Mesne, John Staff Srg. Maj. Army 860 Meek, Jas. A., 20 W. 25th St. New York 1875 Menedath, J. C., Bathurst, N B 1884 Mercitt, D. P., B.A., Fitzroy Harbor, O 1884 Mercitt, D. P., B.A., Mignault, L. D., B.A., Montreal, Q 1880 Miller, R., Surg. N. W. Mounted Police McNeiller, McNet St. Denis, Q 1880 Miller, R., Surg. N. W. Mounted Police	*McNaughton, E. P.,		1834
McNeil, Ernest, Vermont River, P E I 1870 McNeil, James, Marquette, Mich 1874 McNeil, James, Marquette, Mich 1876 McNeil, James, Alliston, O 1867 McNeil, Alfred, Malloto, Life, Mexicolom, John Montel, Richard S., Cloverdale, Cal 1867 Martel, Ovide, Marston, John J., Marston, John J., Marston, John J., Marston, John H., Mathieson, Niel, Mathieson, Niel, Mathieson, Niel, Mathieson, Niel, Mathieson, Niel, Meahan, J. C., Bathurst, N B 1884 Mesne, John Staff Srg. Maj. Army 860 Meek, Jas. A., 20 W. 25th St. New York 1875 Menedath, J. C., Bathurst, N B 1884 Mercitt, D. P., B.A., Fitzroy Harbor, O 1884 Mercitt, D. P., B.A., Mignault, L. D., B.A., Montreal, Q 1880 Miller, R., Surg. N. W. Mounted Police McNeiller, McNet St. Denis, Q 1880 Miller, R., Surg. N. W. Mounted Police	McNee, Stewart,	Rosemount, O	1870
Mattice, Rich. J., Cornwall, O 1875 Mathieson, John H., St. Mary's, O 1871 *Mathieson, Niel, Mayrand, William, St. Andrews, Q 1847 Meahan, J. C., Bathurst, N B 1884 Meach, Jas. A., 20 W. 25th St. New York 1875 *Meigs, Malcolm R., Menzies, John B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Thurso, Q 1854 Metcalf, Henry J., Winnipeg, Man 1884 Mignault, Henri A., Winnipeg, Man 1884 Mignault, L. D., B.A., Montreal, Q 1880 Miller, R., Surg. N. W. Mounted Police,	McNeece, James,		1860
Mattice, Rich. J., Cornwall, O 1875 Mathieson, John H., St. Mary's, O 1871 *Mathieson, Niel, Mayrand, William, St. Andrews, Q 1847 Meahan, J. C., Bathurst, N B 1884 Meach, Jas. A., 20 W. 25th St. New York 1875 *Meigs, Malcolm R., Menzies, John B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Thurso, Q 1854 Metcalf, Henry J., Winnipeg, Man 1884 Mignault, Henri A., Winnipeg, Man 1884 Mignault, L. D., B.A., Montreal, Q 1880 Miller, R., Surg. N. W. Mounted Police,	McNeil, Ernest, Vermor	t River PEI	T870
Mattice, Rich. J., Cornwall, O 1875 Mathieson, John H., St. Mary's, O 1871 *Mathieson, Niel, Mayrand, William, St. Andrews, Q 1847 Meahan, J. C., Bathurst, N B 1884 Meach, Jas. A., 20 W. 25th St. New York 1875 *Meigs, Malcolm R., Menzies, John B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Thurso, Q 1854 Metcalf, Henry J., Winnipeg, Man 1884 Mignault, Henri A., Winnipeg, Man 1884 Mignault, L. D., B.A., Montreal, Q 1880 Miller, R., Surg. N. W. Mounted Police,	McNulty M Brach	ore Folle N V	7880
Mattice, Rich. J., Cornwall, O 1875 Mathieson, John H., St. Mary's, O 1871 *Mathieson, Niel, Mayrand, William, St. Andrews, Q 1847 Meahan, J. C., Bathurst, N B 1884 Meach, Jas. A., 20 W. 25th St. New York 1875 *Meigs, Malcolm R., Menzies, John B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Thurso, Q 1854 Metcalf, Henry J., Winnipeg, Man 1884 Mignault, Henri A., Winnipeg, Man 1884 Mignault, L. D., B.A., Montreal, Q 1880 Miller, R., Surg. N. W. Mounted Police,	McQuillen James M	orquetto Mich	1000
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Mattice, Rich. J., Cornwall, O 1875 Mathieson, John H., St. Mary's, O 1871 *Mathieson, Niel, Mayrand, William, St. Andrews, Q 1847 Meahan, J. C., Bathurst, N B 1884 Meach, Jas. A., 20 W. 25th St. New York 1875 *Meigs, Malcolm R., Menzies, John B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Thurso, Q 1854 Metcalf, Henry J., Winnipeg, Man 1884 Mignault, Henri A., Winnipeg, Man 1884 Mignault, L. D., B.A., Montreal, Q 1880 Miller, R., Surg. N. W. Mounted Police,	Wic vean, John M.,		1865
Mattice, Rich. J., Cornwall, O 1875 Mathieson, John H., St. Mary's, O 1871 *Mathieson, Niel, Mayrand, William, St. Andrews, Q 1847 Meahan, J. C., Bathurst, N B 1884 Meach, Jas. A., 20 W. 25th St. New York 1875 *Meigs, Malcolm R., Menzies, John B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Thurso, Q 1854 Metcalf, Henry J., Winnipeg, Man 1884 Mignault, Henri A., Winnipeg, Man 1884 Mignault, L. D., B.A., Montreal, Q 1880 Miller, R., Surg. N. W. Mounted Police,	Madill, John,	Alliston, O	1867
Mattice, Rich. J., Cornwall, O 1875 Mathieson, John H., St. Mary's, O 1871 *Mathieson, Niel, Mayrand, William, St. Andrews, Q 1847 Meahan, J. C., Bathurst, N B 1884 Meach, Jas. A., 20 W. 25th St. New York 1875 *Meigs, Malcolm R., Menzies, John B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Thurso, Q 1854 Metcalf, Henry J., Winnipeg, Man 1884 Mignault, Henri A., Winnipeg, Man 1884 Mignault, L. D., B.A., Montreal, Q 1880 Miller, R., Surg. N. W. Mounted Police,	Maher, J. J. E.,	New York	1883
Mattice, Rich. J., Cornwall, O 1875 Mathieson, John H., St. Mary's, O 1871 *Mathieson, Niel, Mayrand, William, St. Andrews, Q 1847 Meahan, J. C., Bathurst, N B 1884 Meach, Jas. A., 20 W. 25th St. New York 1875 *Meigs, Malcolm R., Menzies, John B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Thurso, Q 1854 Metcalf, Henry J., Winnipeg, Man 1884 Mignault, Henri A., Winnipeg, Man 1884 Mignault, L. D., B.A., Montreal, Q 1880 Miller, R., Surg. N. W. Mounted Police,	Major, George W., B.A.,	Montreal	1871
Mattice, Rich. J., Cornwall, O 1875 Mathieson, John H., St. Mary's, O 1871 *Mathieson, Niel, Mayrand, William, St. Andrews, Q 1847 Meahan, J. C., Bathurst, N B 1884 Meach, Jas. A., 20 W. 25th St. New York 1875 *Meigs, Malcolm R., Menzies, John B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Thurso, Q 1854 Metcalf, Henry J., Winnipeg, Man 1884 Mignault, Henri A., Winnipeg, Man 1884 Mignault, L. D., B.A., Montreal, Q 1880 Miller, R., Surg. N. W. Mounted Police,	Malcolm, John Rolph	Scotland O	T86T
Mattice, Rich. J., Cornwall, O 1875 Mathieson, John H., St. Mary's, O 1871 *Mathieson, Niel, Mayrand, William, St. Andrews, Q 1847 Meahan, J. C., Bathurst, N B 1884 Meach, Jas. A., 20 W. 25th St. New York 1875 *Meigs, Malcolm R., Menzies, John B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Thurso, Q 1854 Metcalf, Henry J., Winnipeg, Man 1884 Mignault, Henri A., Winnipeg, Man 1884 Mignault, L. D., B.A., Montreal, Q 1880 Miller, R., Surg. N. W. Mounted Police,	*Malhiot Alfred	Doornand, O	78.6
Mattice, Rich. J., Cornwall, O 1875 Mathieson, John H., St. Mary's, O 1871 *Mathieson, Niel, Mayrand, William, St. Andrews, Q 1847 Meahan, J. C., Bathurst, N B 1884 Meach, Jas. A., 20 W. 25th St. New York 1875 *Meigs, Malcolm R., Menzies, John B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Thurso, Q 1854 Metcalf, Henry J., Winnipeg, Man 1884 Mignault, Henri A., Winnipeg, Man 1884 Mignault, L. D., B.A., Montreal, Q 1880 Miller, R., Surg. N. W. Mounted Police,	Malloch Edward C	Ottown O	-060
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Mattice, Rich. J., Cornwall, O 1875 Mathieson, John H., St. Mary's, O 1871 *Mathieson, Niel, Mayrand, William, St. Andrews, Q 1847 Meahan, J. C., Bathurst, N B 1884 Meach, Jas. A., 20 W. 25th St. New York 1875 *Meigs, Malcolm R., Menzies, John B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Thurso, Q 1854 Metcalf, Henry J., Winnipeg, Man 1884 Mignault, Henri A., Winnipeg, Man 1884 Mignault, L. D., B.A., Montreal, Q 1880 Miller, R., Surg. N. W. Mounted Police,	Mollow Albert E	TIT 1	1007
Mattice, Rich. J., Cornwall, O 1875 Mathieson, John H., St. Mary's, O 1871 *Mathieson, Niel, Mayrand, William, St. Andrews, Q 1847 Meahan, J. C., Bathurst, N B 1884 Meach, Jas. A., 20 W. 25th St. New York 1875 *Meigs, Malcolm R., Menzies, John B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Thurso, Q 1854 Metcalf, Henry J., Winnipeg, Man 1884 Mignault, Henri A., Winnipeg, Man 1884 Mignault, L. D., B.A., Montreal, Q 1880 Miller, R., Surg. N. W. Mounted Police,	Manager F.,	warkworth, O	1872
Mattice, Rich. J., Cornwall, O 1875 Mathieson, John H., St. Mary's, O 1871 *Mathieson, Niel, Mayrand, William, St. Andrews, Q 1847 Meahan, J. C., Bathurst, N B 1884 Meach, Jas. A., 20 W. 25th St. New York 1875 *Meigs, Malcolm R., Menzies, John B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Thurso, Q 1854 Metcalf, Henry J., Winnipeg, Man 1884 Mignault, Henri A., Winnipeg, Man 1884 Mignault, L. D., B.A., Montreal, Q 1880 Miller, R., Surg. N. W. Mounted Police,	Marceau, Louis T.,	Napierville, Q	1872
Mattice, Rich. J., Cornwall, O 1875 Mathieson, John H., St. Mary's, O 1871 *Mathieson, Niel, Mayrand, William, St. Andrews, Q 1847 Meahan, J. C., Bathurst, N B 1884 Meach, Jas. A., 20 W. 25th St. New York 1875 *Meigs, Malcolm R., Menzies, John B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Thurso, Q 1854 Metcalf, Henry J., Winnipeg, Man 1884 Mignault, Henri A., Winnipeg, Man 1884 Mignault, L. D., B.A., Montreal, Q 1880 Miller, R., Surg. N. W. Mounted Police,	Markell, Richard S.,	lloverdale, Cal	1867
Mattice, Rich. J., Cornwall, O 1875 Mathieson, John H., St. Mary's, O 1871 *Mathieson, Niel, Mayrand, William, St. Andrews, Q 1847 Meahan, J. C., Bathurst, N B 1884 Meach, Jas. A., 20 W. 25th St. New York 1875 *Meigs, Malcolm R., Menzies, John B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Thurso, Q 1854 Metcalf, Henry J., Winnipeg, Man 1884 Mignault, Henri A., Winnipeg, Man 1884 Mignault, L. D., B.A., Montreal, Q 1880 Miller, R., Surg. N. W. Mounted Police,	*Marr, Israel P.,		1849
Mattice, Rich. J., Cornwall, O 1875 Mathieson, John H., St. Mary's, O 1871 *Mathieson, Niel, Mayrand, William, St. Andrews, Q 1847 Meahan, J. C., Bathurst, N B 1884 Meach, Jas. A., 20 W. 25th St. New York 1875 *Meigs, Malcolm R., Menzies, John B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Thurso, Q 1854 Metcalf, Henry J., Winnipeg, Man 1884 Mignault, Henri A., Winnipeg, Man 1884 Mignault, L. D., B.A., Montreal, Q 1880 Miller, R., Surg. N. W. Mounted Police,	Marr, Walter H., W. 331	d St. N. York	1859
Mattice, Rich. J., Cornwall, O 1875 Mathieson, John H., St. Mary's, O 1871 *Mathieson, Niel, Mayrand, William, St. Andrews, Q 1847 Meahan, J. C., Bathurst, N B 1884 Meach, Jas. A., 20 W. 25th St. New York 1875 *Meigs, Malcolm R., Menzies, John B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Thurso, Q 1854 Metcalf, Henry J., Winnipeg, Man 1884 Mignault, Henri A., Winnipeg, Man 1884 Mignault, L. D., B.A., Montreal, Q 1880 Miller, R., Surg. N. W. Mounted Police,	Marston, Alonzo W.	Hull, O	1871
Mattice, Rich. J., Cornwall, O 1875 Mathieson, John H., St. Mary's, O 1871 *Mathieson, Niel, Mayrand, William, St. Andrews, Q 1847 Meahan, J. C., Bathurst, N B 1884 Meach, Jas. A., 20 W. 25th St. New York 1875 *Meigs, Malcolm R., Menzies, John B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Thurso, Q 1854 Metcalf, Henry J., Winnipeg, Man 1884 Mignault, Henri A., Winnipeg, Man 1884 Mignault, L. D., B.A., Montreal, Q 1880 Miller, R., Surg. N. W. Mounted Police,	Marston, John I.	U.S. Army	1862
Mattice, Rich. J., Cornwall, O 1875 Mathieson, John H., St. Mary's, O 1871 *Mathieson, Niel, Mayrand, William, St. Andrews, Q 1847 Meahan, J. C., Bathurst, N B 1884 Meach, Jas. A., 20 W. 25th St. New York 1875 *Meigs, Malcolm R., Menzies, John B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Thurso, Q 1854 Metcalf, Henry J., Winnipeg, Man 1884 Mignault, Henri A., Winnipeg, Man 1884 Mignault, L. D., B.A., Montreal, Q 1880 Miller, R., Surg. N. W. Mounted Police,	Martel, Ovide	Montreal	T882
Mattice, Rich. J., Cornwall, O 1875 Mathieson, John H., St. Mary's, O 1871 *Mathieson, Niel, Mayrand, William, St. Andrews, Q 1847 Meahan, J. C., Bathurst, N B 1884 Meach, Jas. A., 20 W. 25th St. New York 1875 *Meigs, Malcolm R., Menzies, John B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Thurso, Q 1854 Metcalf, Henry J., Winnipeg, Man 1884 Mignault, Henri A., Winnipeg, Man 1884 Mignault, L. D., B.A., Montreal, Q 1880 Miller, R., Surg. N. W. Mounted Police,	Mason, I. I. M. A Proj	Isford Darby	2003
Mattice, Rich. J., Cornwall, O 1875 Mathieson, John H., St. Mary's, O 1871 *Mathieson, Niel, Mayrand, William, St. Andrews, Q 1847 Meahan, J. C., Bathurst, N B 1884 Meach, Jas. A., 20 W. 25th St. New York 1875 *Meigs, Malcolm R., Menzies, John B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Ft. Gratiot, Mich 1879 *Meredith, Thomas L. B., Thurso, Q 1854 Metcalf, Henry J., Winnipeg, Man 1884 Mignault, Henri A., Winnipeg, Man 1884 Mignault, L. D., B.A., Montreal, Q 1880 Miller, R., Surg. N. W. Mounted Police,	J. Z., Marze, Dia	Eng.	T860
†Mathieson, John H., St. Mary's, O 1871 *Mathieson, Niel, Mayrand, William, St. Andrews, Q 1847 Meahan, J. C., Meane, John, Staff Srg. Maj. Army 1869 Meck, Jas. A., 20 W. 25th St. New York 1875 *Meigs, Malcolm R., Menzies, John B., *Meredith, Thomas L. B., Mertalf, Henry J., Mignault, Henri A., Mignault, L. D., B.A., Mignault, L. D., B.A., Miller, R., Surg. N. W. Mounted Police, Battleford, N W T. Mills, Thos. W., M.A., Mines, William W., *Mines, William W.,	Mattice Rich T	Cornell C	1003
*Mathleson, Niel, *Mathleson, Niel, Mayrand, William, Meahan, J. C., Bathurst, N B 1884 Meane, John, Staff Srg. Maj. Army 869 Meek, Jas. A., 20 W. 25th St. New York 1875 *Meigs, Malcolm R., Menzies, John B., *Meredith, Thomas L. B., Merreith, Thomas L. B., Merreith, Thomas L. B., Merritt, D. P., B.A., Fitzroy Harbor, O 1884 Metcalf, Henry J., Mignault, Henri A., Mignault, L. D., B.A., Mignault, L. D., B.A., Montreal, Q 1880 Miller, R., Surg. N. W. Mounted Police, Mills, Thos. W., M.A., Miner, Frank L., *Mines, William W., *Mines, William W.,	tMothing I.	Cornwall, O	1875
Mayrand, William, Mayrand, William, Meahan, J. C., Meane, John, Meck, Jas. A., 20 W. 25th St. New York Menzies, John B., Meredith, Thomas L. B., Merritt, D. P., B.A., Fitzroy Harbor, O 1884 Metcalf, Henry J., Mignault, Henri A., Mignault, L. D., B.A., Miller, R., Surg. N. W. Mounted Police, Battleford, N W T Mills, Thos. W., M.A., Mines, William W., Mines, William W., Meahan, St. Denis, Q 1860 Montreal, Q 1880	Amathieson, John H.,	St. Mary's, O	1871
Mayrand, William, St. Andrews, Q 1847; Meahan, J. C., Bathurst, N B 1884 Meane, John, Staff Srg. Maj. Army 1869 Meck, Jas. A., 20 W. 25th St. New York 1875 *Meigs, Malcolm R., Menzies, John B., *Meredith, Thomas L. B., Merritt, D. P., B.A., Fitzroy Harbor, O 1884 Metcalf, Henry J., Meyburn, F. H., Mignault, Henri A., Mignault, L. D., B.A., Montreal, Q 1880 Miller, R., Surg. N. W. Mounted Police, Battleford, N W T 1870 Mills, Thos. W., M.A., Montreal 1878 Miner, Frank L., *Mines, William W., *Mines, William W.,	Mathieson, Niel,		TO70
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*Meredith, Thomas L. B., 1842 Merritt, D. P., B.A., Fitzroy Harbor, O 1884 Metcalf, Henry J., Thurso, Q 1876 Mewburn, F. H., Winnipeg, Man 1881 Mignault, Henri A., St. Denis, Q 1860 Mignault, L. D., B.A., Montreal, Q 1880 Miller, R., Surg. N. W. Mounted Police, Battleford, N W T 1870 Mills, Thos. W., M.A., Montreal 1878 Miner, Frank L., Abercorn, Q 1877 *Mines, William W., 1874	Menzies, John B. Et	Gratiot Mich	1870
Merritt, D. P., B.A., Fitzroy Harbor, O 1884 Metcalf, Henry J., Mewburn, F. H., Mignault, Henri A., Mignault, L. D., B.A., Miller, R., Surg. N. W. Mounted Police, Battleford, N. W. T. 1870 Mills, Thos. W., M.A., Montreal 1878 Miner, Frank L., *Mines, William W.,  1874	*Meredith Thomas I D	Cration, Milell	1819
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Mitchell, Fred. H.,
Moffatt, John Edw.
Moffat, Walter,
Molson, William A.,
Montreal 1874
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Montreal 1874 Rigaud, Q 1865 Dillonton, Q 1875 London, O 1874 Mongenais, Napoleon, Mongenais, Napoieon, Monk, George H., Moore, Charles S., Moore, Jehiel T., Moore, Soseph, Moore, Richard, Moore, Robert C., Moore, William, \*Morin, Josh. [Hon.], \*Morring. David R. Tilsonburg, O 1874 1852 St. Paul, Minn 1869 Algonac, Mich 1881 Moore, William,

\*Morin, Josh. [Hon.],

\*Morrison, David R.,

Morrison, John, M.A., Waddington, N Y

Mount, John W.,

Munro, James T.,

Muckey, F. S.,

\*Murray, Charles H., B.A.,

Musgrove, W. J.,

Nelles, J. M.,

Nelles, J. M.,

Nelles, J. M.,

Nelles, J. M.,

Nelson, Wolfred [Hon.],

Nelson, Wolfred [Hon.],

Nelson, Wolfred [Hon.],

Nelson, Wolfred D. E.,

Norton, Thomas,

Nicol, William R.,

\*Nicholls, Chs. R.,

Norton, Thomas B. P., Srg. Maj. Army 1862

O'Brien, Thomas B. P., Srg. Maj. Army 1862

O'Brien, Thomas B. P., Srg. Maj. Army 1862

O'Brien, Timothy,

O'Callaghan, Cornelius H.,

O'Callaghan, T. A., B.A., Wo'ster Mass 1886

O'Connor, Daniel A., O'Callagnan, \*\*..., \*\*O'Carr, Peter, \*O'Connor, Daniel A., O'Dea, James J., Stapleton, Staten Island, N Y 1859, 1849 Odell, William,
O'Keefe, Henry,
Ogden, H. V., B.A.,
O'Leary, James,
O'Leary, Patrick,
Oliver, James W.,
O'Reilly, Charles,
Osler, William,
Painchaud, Edward, S. L.,
Pallen, Montrose A.,
Pallen, Loran L.,
Palmer, Montrose A.,
Palmer, Loran L.,
Palmer, Loran L.,
Palmer, Montrose A.,
Palmer, Loran L.,
Palmer, Loran L.,
Palmer, Montrose A.,
Palmer, Montrose A.,
Palmer, Loran L.,
Palmer, Montrose A.,
Palmer \*Paquin, Jean M., \*Paradis, Henri, \*Paradis, Pierre E., 1843 \*Park, George A., Parke, Charles S., Ouebec 1866 Parke, Charles S., Parker, Rufus S., \*Paterson, James M., Paterson, James, \*Pattee, George, Pattee, Richard P., \*Patton, Edward K., \*Patton, Edward K.,
Pegg, Austin J.,
Pegg, Charles H.,
Perks, W. C.,
Perrialt, Victor,
Perrier, John,
Perry, James, M.A.,
Perry, H. R.,
Phelan, C. J. R.,

1867
Cayuga, O 1892
Chicago, Ill 1867
Dundas, O 1883
Cleveland, Ohio 1868
Montreal 1870
Petry, H. R.,
Phelan, C. J. R.,
Waterloo, Q 1865

Phelan, James B., \*Phelan, Joseph P., Philip, David L., Owosso, Mich 1883 Phippen, S. S. C., \*Picault, Chas., Pickup, John W., Pinsonneault, B., Rae, John Hamilton (\*\*)

\*Rainville, Pierre,
Rambault, J., Dep. Insp. Gen. Army 1859
\*Rattray, Charles J.,
Raymond, Olivier,
Redner, Horace P.,
Redner, Horace P.,
Reddick, Robert,
Reddick, Robert,
Reddick, Robert,
Reddy, Herbert L., B.A.,
\*Reddy, Herbert L., B.A.,
\*Reddy, John [ad eun],
Reed, Thomas D.,
Reed, Thomas D.,
Reid, Alex. Peter,
\*Reid, Alex. Peter,
\*Reid, Kenneth,
Renner, W. Scott,
Reynolds, T. W.,
Reynolds, T. W.,
\*Reynolds, T. W.,
\*Reynolds, Thomas,
Richard, Marcel,
Richmond, P.E., Mount Pleasant, Minn
1873
Ridley, Henry Thomas,
\*Rielle, Etienne R. E.,
Riley, Oscar H., Moer's Forks, Clinton
Co., NY 1879
Rinfret, Ferdinand R.,

\*Achar av., Chi-Rinfret, Ferdinand R., Quebec \*Rintoul, David M., Richardson, John R., Archer av., Chicago 1865 Toronto, O 1880 Riordan, B. L.,
Richie, Arthur F., B.A.,
Ritchie, John L.,
RRoberts, Edward T.,
Roberts, John E., B.A.,
Monsague,
Low W. 1, 2862 \*Roberts, Edward T.,
Roberts, John E., B.A.,
Robertson, James E.,
Robertson, David,
Robertson, David T.,
Robertson, Patrick,
Robillard, Adolphe,
Robinson, Stephen J.,
Robinson, Wesley,
Robitaille, Louis,
Robitaille, L. T.,
Roddick, Thomas G.,
Rogers, Amos,
Rogers, Amos,
Rogers, Amos,
Rooney, R. F., Auburn,
Ross, Geofge, M.A.,

\*Roberts, Edward T.,
Monsague,
Jam., W I 1867
Milton, O 1864
Utlawa, O 1866
Oenver, Col 1881
Ottawa, O 1874
Montreal 1868
Montreal 1866

Chicago, Ill 1874
Brantford, O 1863, Ross, G. T., Ross, G. T., Montreal 1880
Owosso, Mich 1883, Ross, L. D., Ross, W. K., Ross, T. Thomas, 1863
Brockville, O 1867
Chicago, Ill 1880
Ross, William G., Ross, William G., 1892 Ross, William G., \*Ross, Wm. D., Ross, J. W., Rowell, G. B., Rugg, Henry C., \*Rumsey, William, Rutherford, M. C., New York, N.Y. 1881 Abbottsford, Q 1884 Perth, O 1865 Rutherford, M. C.,

Rutherford, Clarendon, M.A., Chicago 1882
Rutlan, Allen,
Ruttan, Allen,
Ruttan, A. M.,
Ruttan, R. F.,

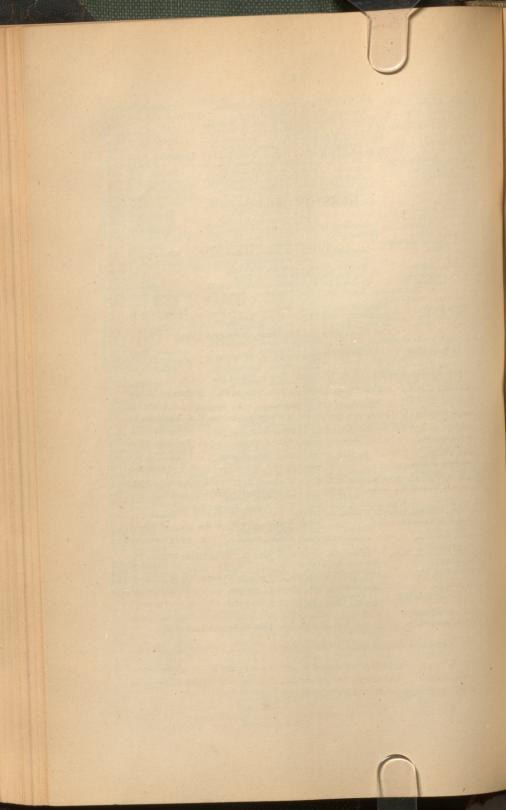
\*Sabourin, Moise,
Sampson, James [Hon],
Savage, Thos. Y.,
Savage, Alex. C.,

\*Sawyer, James H.,
\*Schofield, David T.,
Scott, John G.,
\*Scott, Wm. F.,
Scott, Wm. F.,
Sco Fergus Falls, Minn 1879 Chicago 1882 Rutherford, Clarendon, M.A., Chicago 1883 Bayfield, O 1883 Smiley, J. S., Po \*Smith, Daniel D., Smith, Daniel F., Smith, E. H., \*Smith, Edward, W., Smith, John, Smith, Norman A., Smith, William, Smith, Edward W., A.B. Walkerton, O 1878 Fullarton, Neb 1881 Portland, Oregon 1879 Frelighsburg, Q 1870 Lachute, Q 1876 West Merriden, Conn 1882 Smith, W. A. de W., Smyth, H. E., Smythe, T. W., Snider, Frederick S., Sparham, Terence,

Sparham, E. B., 1852	Wagner, A. Dixon, Cornwall, O 1872
Spear, Andrew M., Danville, Q 1874	Wagner, G. C Dickinson's Ldg, O 1881
Spencer, R., Brandon, Man 1879	*Wagner William H
Spencer, R., Brandon, Man 1879 *Squire, William Wood, M.A., 1864	*Wagner, William H., Quebec 1866
Stafford, Fred. J., Little Bay, Nfld 1878	Wakeman, William, Quebec 1866
	Wales, Benjamin N., Robinson, Q 1874
	*Walker, Robert, Walker, Felix D., Launching, PEI 1884
Stark, George A., Milwaukee, Wis 1872	Walker, Felix D., Launching, PEI 1884
*Staunton, Andrew, 1846	Wallace, Isaac U., Milton, Q 1874
Stephen, William, Montreal, Q 1881	Walsh Edmond C., Madrid, N Y 1866
Stevens, Alex, D., Dunham, Q 1857 Stevenson, Charles N., Coaticook, Q 1876	Walton, George O., Barbadoes, W I 1873
Stevenson, Charles N., Coaticook, Q 1876	Wanless. John R., Dunedin, New Z 1867 Ward, William T., Morristown, Minn 1873 Ward, Michael O'B., Montreal 1875
Stevenson, Hans, Chelsea, Q 1880	Ward, William T., Morristown, Minn 1873
Stevenson, J. M., Bryanston, O 1856	Ward, Michael O'B., Montreal 1875
*Stevenson, John L.,	Warren, Frank, Brooklin, O 1872
*Stevenson, John A., Streethrovy O	*Warren, Henry, 1860 Waugh, William, London, O 1872
Stevenson, Robert A., Strathroy, O 1871	Waugh, William, London, O 1872
Stewart, Alexander, Palmerston, O 1872	Weagant, C. A., Yarker, O 1879
*Stewart, John Alexander, Neptree! 0 1862	Webb, James T. S., Montreal 1871
Stewart, James, Montreal, Q 1869	Webster, Arthur D., Edinburgh, S 1878
Stewart, J. O.,	Weilbrenner, Remi, Port Neuf, Q 1851
Stephenson, James, Iroquois, O 1850	*Weir, Richard,
Stimpson, Altred O., Thompson, Pa 1868	*Wherry, John,
St. John, Leonard, Chicago, Ill 1872	Whitecomb, Josiah G., Omaha 1848
Storrs, Arthur, Mexborough, York, Eng 1876	Whiteford, James W., Winnipeg, Man. 1873
*Strobridge, James Gordon, 1862	Whiteford, Richard, Toledo, Ohio 1857
Struthers, A. D., Frelighsburg, Q 1881	Whitwell, W. P. O., Philipsburg, Q 1860
Struthers, K. B., Rochester, Minn 1883	Whiteford, James W., Whiteford, Richard, Whitwell, W. P. O., *Whyte, Joséph A., Wind, Hierr  Winder M. 1873 Toledo, Ohio 1857 Toledo, Ohio 1857 Philipsburg, Q. 1860 1870 Winder M. 1871
Stroud, Charles S., Norway, Benton	Wigie, Illiam, Wiarton, O 10/3
Co., Iowa 1876	*Widmer, Christopher [Hon] 1847 *Wilcox, Marshall B. 1868
Co., Iowa 1876  Sutherland, Fred Dunbar, Valleyfield, Q 1871  *Sutherland, William.	
Sutherland William	Williams, J., Williston, H. V., M.A., Boston, Mass 1881 Newcastle, NB 1879
*Sutherland, William, 1536 *Sutherland, William, Montreal 1879	Williston, H. V., M.A., Newcastle, NB 1879
Sutherland, William Dunbar, Montreal 1879	Wilson, Benjamin S., Belleville, O 1866 *Wilson, Robert M 1850
Switzer, Egerton R., Salina, Ks 1865	*Wilson, Robert M., Ottawa 1857
Tabb, Silas E., M.A., Sherbrooke, Q 1869	Wilson, Samuel, F., Millstream, Kings
*Tait Henry Thomas, 1860	Co., N.B 1884
Taylor, Wm. H., Peterboro, O 1859	*Wilscam, John Wilbrod, 1846
Taylor, Sullivan A., Gilmanton, N H 1870	Woolverton, Algernon, M.A., Hamilton, O 1867
Tew, Herbert S., Wakefield, York, Eng 1864	Woods, David, Staff Surgeon Army 1860
Temple, James A., Toronto 1865	Wood, George C., 1849
Thayer, Linus O., Montreal 1859	Wood, George, Faribault, Minn 1863
*Theriault, F. D.,	Wood, George, Faribault, Minn 1863 Wood, Ed. S., Faribault, Minn 1883
Therien, Honore, Bedford, Q 1863	Wood, Hannibal W., Knowlton, Q 1865
*Thompson, James, 1842	Woods, Jno. J. E., Aylmer, Q 1875
Thompson, Robert, Brantford, O 1852	Woodful, Sam. Pratt. Surg. Maj 1864
Thompson, Wm. A., New Richmond, Q 1882	Woolway, C. J. Copper Falls, Mich 1875
Thompson, Wm. A., New Richmond, Q 1882 Thornton, Hastwell W., B.A., New Rich-	*Workman, Benjamin, 1853
mond, Q 1882	Workman, Joseph, Toronto 1835
Tracey, A. W., West Meriden, Conn 1873	Worthington, Edward [ad eun] Sher-
Trenholme, Edward Henry, Montreal 1862	Wright, John W., B.A., Picton, O 1878
*Trudel, Eugene H., 1844	Wright, John W., B.A., Picton, O 1878
Trueman, J. E., Macan, N S 1881	Wright, Henry P., Ottawa 1872
Turgeon, Louis G., Montreal 1860	Wright, Stephen, Ottawa, O 1859
Tuzo, Henry A 1853	Wright, Stephen, Ottawa, O 1859 Wright, William, Montreal 1848
†Tunstall Simon J., B.A., Litton, B C 1875	Wye, John H., 22 Upper Woburn Pl,
Usher, Henry, Walkerton, O 1861	London 1868
Vannorman, J. M., Detroit, Mich 1850	Young, Philip R., Clarenceville, Q 1876 Young, Robert C., Ridgetown, O 1873
Vercoe, Henry L., Seaforth, O 1865	Young, Robert C., Ridgetown, O 1873
Vicat, John R., Melbourne, Q 1867	Youker, William, Stirling, O 1870
†Vineberg, Hiram N., Portage la	
Prairie, Man 1878	

\*Deceased.

†Medallist.



# EXAMINATION PAPERS.

### SESSION 1883-84.

### MATRICULATION EXAMINATIONS.

LATIN.

SATURDAY, MARCH 29TH, 1884.

Examiner, ..... H. ASPINWALL HOWE, M.A., LL.D.

Note.—Candidates may choose, in this Paper, between Cicero and Virgil.

- 1. Translate, without unnecessary change of construction :-
- (a) Patria tecum, Catilina, sic agit, et quodammodo tacita loquitur: Nullum aliquot jam annis facinus exstitit, nisi per te: nullum flagitium sine te: tibi uni multorum civium neces, tibi vexatio dereptioque sociorum impunita fuit ac libera: tu non solum ad negligendas leges ac quæstiones verum etiam ad evertendas perfringendasque valuisti. Superiora illa, quamquam ferenda non fuerunt, tamen, ut potui, tuli: nunc vero me totam esse in metu propter te unum: quidquid increpuerit, Catilinam timeri: nullum videri contra me consilium iniri posse, quod a tuo scelere abhorreat, non est ferendum. Quamobrem discede atque hunc mihi timorem eripe: si est verus, ne opprimar; sin falsus, ut tandem aliquando timere desinam.
- (b) Itaque ego illum exercitum et Gallicanis legionibus et hoc delectu, quem in agro Piceno et Gallico Q. Metellus habuit, et his copiis, que a nobis quotidie comparantur, magno opere contemno, collectum ex senibus desperatis, ex agresti luxuria, ex rusticis decoctoribus, ex iis, qui vadimonia deserere, quam illum exercitum, maluerunt: quibus ego non modo si aciem exercitus nostri, verum etiam si edictum prætoris ostendero, concident. Hos, quos video volitare in foro, quos stare ad curiam, quos etiam in senatum venire, qui nitent unguentis, qui fulgent purpura, mallem secum suos milites eduxisset: qui si hic permanent, mementote, non tam exercitum illum esse nobis, quam hos, qui exercitum deseruerunt, pertimescendos.
  - 2. Parse and decline facinus, tibi uni, valuisti, metu, increpuerit, discede.
- 3. Write the degrees of comparison of multus, superior, magnus, senex utilis, similis. Give the Perfect, Present Infinitive, and Supine of negligo, everto, perfringo, increpo, discedo, desino.

- 4. Explain the terms Cardinal, Ordinal, Distributive, Multiplicative, as applied to Numeral Adjectives. Give all these forms for unus, and also its A dverb.
  - 5. Write short notes explanatory of :-
    - (a) Taeita loquitur :- What use of the adjective is this ?
    - b) Non est ferendum: What is the subject of this predicate?
    - (c) Quotidie comparantur:—What is the composition of this adverb? Give examples of (1) adverbs formed from nouns, (2) from verbs.
    - (d) Video volitare:—By what name are verbs of this class known, and how are they formed? Give an example or two.
    - (e) Si prætoris edictum ostendero: What tense, and why?

#### VIRGIL.

- 1. Translate, without unnecessary change of construction :-
  - (a) Tres notus abreptas in saxa latentia torquet: Saxa vocant Itali, mediis quæ in fluctibus, Aras; Dorsum immane mari summo. Tres Eurus ab alto In brevia et syrtes urget, miserabile visu, Illiditque vadis atque aggere cingit arenæ. Unam, quæ Lycios fidumque vehebat Oronten, Ipsius ante oculos ingens a vertice pontus In puppim ferit; excutitur pronusque magister Volvitur in caput: ast illam ter fluctus ibidem Torquet agens circum, et rapidus vorat æquore vortex. Apparent rari nantes in gurgite vasto, Arma virum tabulæque et Troia gaza per undas. Jam validam Ilionei navem, jam fortis Achatæ, Et qua vectus Abas, et qua grandævus Aletes. Vicit hiems: laxis laterum compagibus omnes Accipiunt inimicum imbrem, rimisque fatiscunt.
  - (b) Æneas—neque enim patrius consistere mentem
    Passus amor—rapidum ad naves præmittit Achaten,
    Ascanio ferat hæc, ipsumque ad mænia ducat.
    Omnis in Ascanio cari stat cura parentis.
    Munera præterea, Iliacis erepta ruinis,
    Ferre jubet, pallam signis auroque rigentem,
    Et circumtextum croceo velamen acantho,
    Ornatus Argivæ Helenæ; quos illa Mycenis,
    Pergama quum peteret inconcessosque hymenæos,
    Extulerat, matris Ledæ mirabile donum:
    Præterea sceptrum, Ilione quod gesserat olim,
    Maxima natarum Priami, colloque monile
    Baccatum, et duplicem gemmis auroque coronam
    Hæc celerans, iter ad naves tendebat Achates.

- 2. Parse and decline fluctibus, mari summo, unam, vehebat, volvitur, vicit.
- 3. Write the degrees of comparison of multus, summus, maximus, senex utilis, similis. Give the Perfect, Infinitive, Present and Supine of abripio torqueo, cingo, veho, volvo, excutio.
- 4. Explain the terms Cardinal, Ordinal, Distributive and Multiplicative as applied to Numeral Adjectives. Give all these forms for *unus*, and also its Adverb.
  - 5. Write short notes explanatory of :-
    - (a) Dorsum immane mari summo :- What case, and why?
    - (b) Apparent rari nantes: What use of the adjective is this?
    - (c) Ascanius ferat hee: -What mood, and why?
- (d) Ibidem torquet agens:—What is the formation of this adverb? Give examples of (1) adverbs derived from Nouns, (2) from Verbs.
  - (e) Fidumque vehebat Orontem :-Why imperfect tense?

### OPTIONAL SUBJECTS.

#### FRENCH.

### SATURDAY, MARCH 29TH, 1884.

## 

1. Translate, as closely as difference of idiom will admit :

Charles reçut tous ces prisonniers d'importance avec une politesse aussi aisée et un air aussi humain que s'il leur eût fait dans sa cour les honneurs d'une fête. Il ne voulut garder que les généraux. Tous les officiers subalternes et les soldats furent conduits désarmés jusqu'à la rivière de Narva: on leur fournit des bateaux pour la repasser, et pour s'en retourner chez eux. Cependant la nuit s'approchait; la droite des Moscovites se battait encore: les Suédois n'avaient pas perdu six cents homme, dix-huit mille Moscovites avaient été tués dans leurs retranchements ; un grand nombre était noyé; beaucoup avaient passé la rivière: il en restait encore assez dans le camp pour exterminer jusqu'au dernier des Suédois. Mais ce n'est pas le nombre des morts, c'est l'épouvante de ceux qui survivent, qui fait perdre les batailles. Le roi profita du peu de jour qui restait pour saisir l'artillerie ennemie. Il se posta avantageusement entre leur camp et la ville : là il dormit quelques heures sur la terre, enveloppé dans son manteau, en attendant qu'il pût fondre au point du jour sur l'aile gauche des ennemi s qui n'avait point encore été tout à fait rompue.

2. Write the plural of the nouns chou, sou, travail, cheval, bal, éventil, œil, bétail; and the feminine of the adjectives vieux, épais, beau, doux, sec, mlin, long.

- 3. When do the numeral adjectives *vingt*, and *cent* take *s* for their plural? When is *mil* used instead of *mille?* Write short sentences to illustrate answers.
- 4. Write in French:—her cloak, his cloaks, her cloaks, and explain the difference between the two languages in the use of Possessive Adjectives.
- 5. In the above extract why is *perdu* not plural, and in the next line why is *tués* not singular? When is the *Present Participle* of a French Verb ever made feminine and plural?
- 6. Write out the Imperfect Indicative of s'approcher, the Present Ind. of dormir, and the Future Ind. and Present Subj. of pouvoir.

#### ENGLISH.

## SATURDAY, MARCH 29, 1884.

Examiner, ...... H. ASPINWALL HOWE, M.A., LL.D.

- 1. Write legibly and punctuate properly the Dictation which will be read to you.
- 2. Expand the simple sentence "The Minister preached," by adding an Adjective sentence to the subject and an Adverbial phrase to the verb.
- 3. Parse "All the rest of the evening he played us airs from the opera, II Trovatore."
- 4. Name the various classes (four) of Adjectives and distinguish between the *Attributive* and the *Predicative* use of an adjective. Illustrate your answer by examples.
- 5. What is meant by the *Mood* of a verb. Name the Moods, and give the significance of each explicitly.
- 6. Give the plural of :—self, sheaf, gulf, spoonful, father-in-law, Madam, fou s, vortex, genus, genius, crisis, cherub, beau.
- 7. Write the Past Tense and Perfect Participle of awake, beat, cling clothe, row, fly, flee, lay, lie, sew, sow, swell.
- 8. Spell the present participle of:—differ, defer, throb, laud, rid, ride, lie, lay, die, dye, sing, singe.
  - 9. Correct errors in the following, giving reason for the correction:

    Those kind of potatoes are the best.

    That wife of my uncle's is always scolding.

    I intended to have called last week.

    They that honour me I will honour.

    Who are you speaking to?

- 10. The grammatical correctness of the last sentence above can be defended. By what explanation?
- 11. Take the forms man, fer, (fero, I carry) and graph (grapho, I write); add as many prefixes and affixes as you can, giving the force of each, with the meaning of the words thus formed.
- 12. Give the etymology with meanings of: -sheriff, alderman, witness, viaduct, emissary, stratification, chronometer, telephone, monarchy, abattoir, tapestry, poultry.
- 13. Write a short Composition exercise on some important event in British History.

### BRITISH HISTORY.

### SATURDAY, MARCH 29TH, 1884.

- 1. What is meant by the Feudal System? What were its leading provisions? By whom was it introduced into England?
- 2. Name the first king of the House of Hanover, and shew his claim genealogically to the throne of England. By what Act was this claim constituted into a right?
- 3. What was the East India Company? Give a short account of the origin and progress of the British power in India, with names of leading characters, and with dates.
  - 4. State a few of the most important events in the history of Canada.
- 5. What contests were decided, and in whose favor, by each of the following victories: —Tewkesbury, Bosworth, Naseby, Worcester, Preston, Culloden, York-town, Vittoria
- 6. What were "The Hundred Years' War," "The Thirty Years' War," and "The Seven Years' War? Name the Treaties of Peace by which the first was interrupted and the other two terminated.
- 7. What were "The Curfew," "The Star-Chamber," "The Solemn League and Covenant," "The Reform Bill."

Who were "The Non-conformists," "The Puritans," "The Independents," "The Pilgrim Fathers?"

### GEOGRAPHY.

1. Name the islands, and the continents, with their several countries, traversed by the equator. Name the same also for the Meridian of Greenwich from north to south.

- 2. Draw a map of Egypt, shewing the junction of the White and Blue Nile, the subsequent course of that river and its Delta. Mark the position of Alexandria, Rosetta, Damietta, Suez, Cairo, The Pyramids, Khartoum and Suakim.
- 3. What are the boundaries of France, The Scandinavian Peninsula and British North America?
- 4. Where and what are Tonquin, Madagascar, Merv, Nerbudda, Coromandel, Malabar, Congo, Odessa, Dwina, Ortegal, Honduras, Maracaybo, Alaska, Canso, Miquelon.
- 5. What articles of commerce are intercharged between Great Britain and the following countries—France, India, United States and Canada.

### ARITHMETIC.

### SATURDAY, MARCH 29TH, 1884.

Examiner..... H. ASPINWALL HOWE, M.A., LL.D.

- 1. What was the price of land per acre, when 96 acres, 2 roods, 10 poles were bought for \$1,390.50.
  - 2. To  $3\frac{1}{2}$  of  $5\frac{1}{6}$  add  $\frac{2}{3}$  of  $(6\frac{1}{4} 1\frac{1}{2})$ , and from the sum subtract  $\frac{2\frac{1}{6}}{\frac{2}{3}}$
- 3. Simplify  $\frac{22.4}{.25} + \frac{250}{.8} + \frac{1.2}{.0075}$  without reducing the quantities to vulgar fractions, and prove the result by so reducing them.
- 4. If 8 per cent, is lost by selling an article for £25 10s. 0d., what per cent, would be gained or lost by selling it for £34?
- 5. The 3 per cents are at 96 and the  $3\frac{1}{2}$  per cents at 105, which investment would produce the higher interest, and by how much per cent?

#### ALGEBRA.

- 1. Find the Least Common Multiple of  $12x(x-1)^2$ ,  $15(x^5-x^3)$  and  $30x^2(x+1)$ .
- 2. Divide  $a^6 6a + 5$  by  $a^2 2a + 1$  and prove the result by multiplication.
  - 3. Show that  $\frac{x-a}{x-b} + \frac{x-b}{x-a} \frac{(a-b)^2}{(x-a)(x-b)} = 2$ ; and that  $1 + \frac{a^2 + b^2 c}{2ab} = \frac{(a+b+c)(a+b-c)}{2ab}.$

Solve the equations :-

(1) 
$$(x-a) (x-b) = (x-a-b)^{\circ}$$
.  
(2)  $\begin{cases} \frac{1}{8}(x+y) = 15-x \\ \frac{1}{6}(x-y) = 6-y \end{cases}$ 

5. A cistern could be filled in 12 minutes by two pipes together, and it would be filled in 20 minutes by one of them alone. In what time would it be filled by the other alone?

#### GEOMETRY.

### SATURDAY, MARCH 29TH, 1884.

- 1. If, at a point in a straight line, two other straight lines on the opposite sides of it, make the adjacent angles together equal to two right angles these two straight lines shall be in one and the same straight line.
- 2. One side of a triangle is greater than another. Prove that the former has the greater angle opposite to it-
- 3. If a side of a triangle be produced, the exterior angle is equal to the two interior and opposite angles, and the three interior angles of every triangle are together equal to two right angles,
- (a) Prove that in any right-angled triangle the straight line joining the middle point of the hypothenuse to the right angle is equal to half the hypothenuse.
- 4. If a straight line be divided into any two parts, the rectangles contained by the whole and each of the parts, are together equal to the square of the whole line.
  - (b). Write the Algebraic expression for this Theorem.
- (5). In every triangle the square on the side subtending an acute angle is less than the squares on the sides containing that angle by twice the rectangle contained by either of those sides and the straight line intercepted between the perpendicular let fall on it from the opposite angle, and the acute angle.

NOTE.—Confine your proof to the case in which the perpendicular falls within the triangle.

#### NATURAL PHILOSOPHY.

- 1. Two forces of 9 lbs. and 12 lbs. act upon a point at right angles to each other. Find the magnitude of the resultant.
- 2. Give the laws for velocity, time and space described when bodies descend on inclined planes. In what ratio is the force of gravity diminished in such cases.

- 3. What quantities are involved in problems of the Pendulum. Write an equation for one of them in terms of the others.
- 4. Explain clearly the method by which the varying force of gravity is determined at different points on the Earth's surface.
- 5. Distinguish between the centre of gravity and the centre of buoyancy of a floating body. When is the equilibrium of such a body stable, unstable and neutral.
- \*6. The pressure of the atmosphere at the sea level is 15 lbs on the square inch. Why is the body of a diver descending in water still subject to this pressure?

#### BOTANY.

### Optional Subjects.

SATURDAY, MARCH 29TH. 1884.

# Examiner, ..... H. ASPINWALL HOWE, M.A., LL.D.

- 1. Define the terms Root, Stem, Leaf, Hair, giving examples.
- 2. Distinguish between a simple and a compound Leaf, and give example of the latter. What are the functions of Leaves for the nutrition of plants and how are these functions performed when the plant is leafless?
- 3. Name the important elements of plant food, and state whence the plant obtains them.
  - 4. Distinguish between a seed and a fruit, giving examples.
- 5. Name the parts of a complete flower, describing in detail the structure of one of the essential organs.

#### CHEMISTRY.

- 1. What is chemical affinity? Describe the action that takes place when iron rusts. How does oiling the metal prevent this?
- 2. What is meant by latent heat. Define the terms diathermanous and athermanous, and name some bodies that belong to one class or the other.
  - 3. How can drinkable water be prepared from sea-water?

What are the principle constituents of sea-water?

- 4. State the composition of limestone. How would you demonstrate its constituents?
  - 5. What are the chief characters of carbon, phosphorus, and mercury?

#### BOTANY.

#### FIRST YEAR.

SATURDAY, MARCH 15TH, 1884.

Examiner, ......PROF. D. P. PENHALLOW, B.Sc.

- 1. Define the principles of classification and point out the essential distinctions between natural and artificial systems, as also the advantage of each.
- 2. State what you can concerning the proper method of collecting and preserving plants.
  - 3. Plant food: Its source, general character and function.
- 4. Assimilation: Describe the process, together with the most important and characteristic chemical changes. Also state what are the resulting products.
- 5. Metastasis: The nature of the process, the characteristic chemical changes, resulting products and distinction from assimilation.
- 6. Fruit of Phenogams: State its morphological character; give a simple classification, and state reasons for the various morphological distinctions made.
- 7. The seed: Its origin, parts, function and special provision for nutrition of the young plant.
- 8. Describe the physical conditions essential to the promotion of assimilation, and show how this function may be varied by change of conditions.
- 9. Rosace, Ranunculaceæ, Anacardiaceæ: Describe the general habit of growth; state if injurious or useful, and in what respect, and mention some useful Canadian members, if possible.
- 10. Leguminosae, Compositae, Sapindaceae: State where these families are chiefly found; for what they are chiefly useful, and give examples of Canadian species of value.

#### HISTOLOGY.

#### FIRST YEAR.

MARCH 15TH, 1884.

Examiner, .......PROF. OSLER, M.D., F.R.C.P. LOND.

Describe the structure

- (1). Of the mucous membrane of the bladder, of a bronchus and of the nose;
  - 2. Of a liver lobule;
  - 3. Of the grey matter of the spinal cord.

Oral and Practical.

Monday, March 17th. In the Laboratory, 1 to 5 p.m.

### PHYSICS.

#### FIRST YEAR.

- 1. What is meant by capillary attraction. Give reason why water presents a concave surface in a glass tube and mercury a convex one.
- 2. Give a short account of the Atomic Theory, showing the difference between atomic weight, equivalent weight and molecular weight.
- 3. Describe the process of solution and crystallization, giving the principal forms of crystals and their action on light and the action of heat upon them.
- 4. Describe the different forms of thermometers, and show how the temperature marked on one scale can be converted into corresponding temperature of other scales in use.
- 5. Describe a simple galvanic cell, and show the changes which take place during the time of contact between the terminals.

# SUTHERLAND MEDAL.

#### SECOND YEAR.

MONDAY, MARCH 24TH, 1884.

Examiner,.....PROF. G. P. GIRDWOOD, M.D.

- 1. Describe Fraunhofer's lines, and explain how they are supposed to be produced?
- 2. Show how specific heat of compounds may be used to correct or determine the atomic weights of elements.
- 3. How can nitrogen be estimated, give the formula for the necessary corrections of the volume?
  - 4. Describe, the process of obtaining copper from its ores (the sulphides).
  - 5. Give the process for the separation of magnesium.
- 6. Given 1 gramme of sugar, what weight of water and carbon dioxid will it yield on combustion.
- 7. How is magnesia estimated, give the process and figures for estimating the magnesia in 0.5 gramme mq. So 4.
- 8. What are the results of the oxidation of a primary, secondary and tertiary alcohol. Giving xamples.

#### PHYSIOLOGY.

#### SECOND YEAR.

TUESDAY, MARCH 18TH, 1884.

- 1 Describe the chemical and physiological properties of homoglobin.
- 2. Explain an ordinary inspiratory act.
  - (3) Explain the act of defacation.
- 4. An impression is received by the skin of the fingers and the hand is withdrawn. State:—(1) the path of the sensory impression to the grey matter of the cerebrum and the path of the moter impulse, causing the withdrawal of the arm; (2) the chief facts on which you base your statements.
  - 5. The functions of the 3rd nerve.
  - 6. Describe the forms of placentation in Mammals.

### PRACTICAL ANATOMY.

Examination for Honors.—The Demonstrator's Prize.

TUESDAY, MARCH 25th, 1884.

- 1. Name the parts divided by a knife drawn directly from one malleolus to the other, across the sole of the foot, cutting to the bone.
- 2. Describe the dissection necessary to expose the anterior surface of the adductor pollicis manus muscle.
- 3. Name in order, from below backwards, the parts divided in a horizontal section of the trunk at the level of the symphysis pubis.
- 4. Name in the order in which they are placed the parts in the space corresponding to the outline of the masseter muscle, beginning immediately under the skin and ending at the pharynx.

#### ANATOMY.

WEDNESDAY, MARCH 19TH, 1884.

1. Describe the *radius*, including its articular surfaces, and mention in their proper relations the muscles attached to it, giving their actions and nerve supply.

- 2. Describe the Hip Joint, and name in their order the structure in relation to it.
- 3. Give the dissection necessary to expose fully the Flexor Accessorius Pedis muscle.
- 4. Enumerate in order the structures which must be removed to expose the first two portions of the Internal Maxillary artery.
- 5. Give the course and distribution of the third cerebral nerve. What results occur from its division?
- 6. Describe briefly the parts in relation with the anterior wall of the lower three inches of the *Rectum* in the male.

# MATERIA MEDICA AND THERAPEUTICS.

WEDNESDAY, MARCH 19TH, 1884.

Examiner,.....PROF. J. STEWART, M.D.

- 1. Contrast the emetic actions of the following agents, ipecacuanha, tartar emetic, sulphate of zinc and apomorphia. Give the emetic dose and mode of administration of each.
- 2. Compare the antipyretic actions of quinine, salicylic acid, kairin, and a general bath at a temperature of 65° [Fah.] Give the mode of using these different means in order to obtain their fullest antipyretic effects.
- 3. Describe the method to be adopted in carrying out the treatment of a wound in a state of putrefaction by the following antiseptic agents: carbolic acid, corrosive sublimate, iodoform and naphthalin. What untoward effects may arise from the employment of carbolic acid and iodoform as antiseptics in the treatment of wounds?

In the case of carbolic acid describe fully the means to be adopted to counteract these effects once they have set in.

- 4. Describe the different methods of introducing mercury and iodine into the system for the treatment of syphilis. What untoward effects sometimes arise from the use of mercury? What is the best means to adopt to prevent the development of these effects. The untoward effects once having set in, what would be your treatment?
- 5. What accidents may happen during the administration of chloroform? Give in detail the treatment you would adopt for the accidents you mention? Are there any conditions which render ether not the safest anæsthetic?

How would you treat a case of optum poisoning? How would you treat the disagreeable symptoms which often occur after a moderate dose of optum? How is the action of optum modified by:—

- (1) Age.
- (2) Sex.
- (3) Idiosyncrasy.
- (4) Habit.
- (5) Disease.

In what points are the actions of morphia said to differ from that of opium?

\*Students are required to answer four questions only of the six,

### THIRD YEAR.

MONDAY, MARCH 17th, 1884.

### HYGIENE.

- 1. How would you proceed to trace out the origin of an outbreak of typhoid fever in a small town?
- 2. Describe in detail the means to be adopted for counteracting contagion in a house where a case of scarlatina has occurred. (a) During the progress of the case, (b) During convalescence.
  - 3. Enumerate the essential requirements of a good house drain.
- 4. What is meant by the "dry earth" system of removing excreta? Discuss its advantages and disadvantages.

## MEDICAL JURISPRUDENCE.

SATURDAY, MARCH 22ND, 1884.

- 1. What is the hydrostatic lung test? How performed? What are the objections to it as a test?
- 2. Rigor mortis. What is it? When does it set in? In what way may the cause of death affect its time of appearance and its duration?
- 3. What are the post-mortem appearances indicative of death from asphyxia.
- 4. In life insurance, what do you mean by the term "expectation of life." Give rules for calculating the "expectation"; also the "expectancy" of a man aged 35. What do you understand by the term "tenyear life" (ten payment life) policy?
  - 5. Describe the stages of general paralysis of the insane.
  - 6. What are the symptoms of irritant poisoning?

### PATHOLOGY.

## THIRD YEAR.

MONDAY, MARCH 17TH, 1884

Examiner,......Prof. Osler, M.D., F.R.C.P. Lond.

- 1. Give a classification of the pathogenous Bacteria. Discuss the conditions necessary to be fulfilled before a micro-organism found in any disease can be said to be *specific*.
  - 2. Describe the changes which a Thrombus may undergo.
- 3. Describe the coarse and microscopic characters of amyloid degeneration.

# THEORY AND PRACTICE OF MEDICINE.

FRIDAY, MARCH 21ST, 1884.

Examiner, ......PROF. R. P. HOWARD, M.D., L.R.C.P.,L.

- 1. Under what circumstances are albumin and tube-casts respectively found in the urine?
- 2. The symptoms and signs of anæmia and the characters of the blood in the simple and pernicious forms?
- 3. In what points do typhoid feyer and Asiatic cholera resemble one another?
- 4. At what ages and under what conditions do the following diseases usually occur?—laryngismus, capillary bronchitis, rickets, cerebral hæmorrhage.
- 5. Describe the treatment of acute croupous pneumonia, and the indications for stimulants in that disease.
- 6. Sketch the morbid anatomy of the two forms of tuberculous kidney and the clinical evidence of "scrofulous kidney."
- 7. Mention the complications of acute articular rheumatism, and describe the treatment of hyperpyrexia in that affection.
  - 8. "Biliary cirrhosis"—its pathology and clinical features?
- 9. State the characteristics of paralysis due to disease of the motor convolutions.

10. A youth suddenly suffers pain in mammary region and fever, without cough. A few days subsequently, respiratory and vocal sounds are weak, and percussion-note dull over right mammary zone of chest, but exaggerated over infra-scapular and infra-clavicular regions. About two weeks later he suddenly expectorates 12 ounces of pus, and a few days subsequently the physical signs over the original dull area are amphoric respiration, with metallic echo and hyper-resonant percussion-note. Over the base and apex the signs continue exaggerated. Give a diagnosis of the case, explain your reasons, and suggest appropriate treatment.

Note.—When describing treatment state the doses of the medicines to be employed.

## M.D., C.M., FINAL EXAMINATION.

# PRINCIPLES AND PRACTICE OF SURGERY.

SATURDAY, MARCH 22nd, 1884.

- 1. Give the diagnosis and treatment of the various forms of hæmorrhage due to injury.
- 2. Rupture of muscular fibre; what symptoms would indicate such an injury? At what part of its course would a muscle be most likely to give way; and how would you treat it?
- 3. Describe the boundaries of Scarpa's triangle; mention the tumours or swellings sometimes met with in this region, and how would you distinguish them?
- 4 Describe the causes, most frequent situations, symptoms, and treatment of Abscess in Bone.
- 5. Mention the anatomical division of the male urethra; where does organic stricture of that canal most frequently occur?
- 6. Give a definition of the term "Hernia." In strangulated inguinal herniæ, where is the stricture situated; mention the relation of the epigastric artery to the neck of the sac in each variety.
- 7. Describe the different forms of Gangrene, mention the causes and treatment to be followed in each variety.
- 8. Ganglion: what is it, where does it commonly occur, how is it produced, and how would you treat it?
- 9. Mention the syphilitic diseases of the eye (those affecting only the eyeball), and give a brief account of Syphilitic Iritis, and state particularly how you would treat this disease.
- 10. Ulceration of the Cornea with Hypopyon; describe this condition as commonly seen, and how you would treat an eye so affected.

# FINAL EXAMINATION.

# MIDWIFERY AND GYNÆCOLOGY.

FRIDAY MARCH 21, 1884.

- 1. What is meant by abortion? Give the chief causes, the symptoms and treatment of abortion.
- 2. Into how many stages is labor divided? How would you manage the third stage of labor?
- 3. What is the first position of the vertex? Describe the attitude of the fœtus in utero, in so-called first positions.
- 4. What objections exist to the use of ergot in labor, and when would you use ergot, if at all?
- 5. Give the causes, symptoms and treatment of post-partum hemorrhage?
  - 6. What diseases are lying-in women peculiarly liable to?

Give the causes of septicæmia, and the symptoms and treatment of acute septicæmia.

- 7. Dysmenorrhœa; mention the varieties, and sketch the symptoms of each.
  - 8. Chronic endometritis; the symptoms and treatment.
  - 9. Tents, their indications, uses, contraindications and dangers.
- 10. Describe fully Sim's method of speculum examination, and its advantages.

# McGILL UNIVERSITY,

# ANNUAL CALENDAR

Faculty of Medicine.



53RD SESSION 1885-86.

Montreal:

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# General Statement.

### SESSION OF 1885-6.

The Fifty-third Session of the University, being the Thirty-third under the amended Charter, will commence in the Autumn of 1885.

By Virtue of the Royal Charter, granted in 1821 and amended in 1852, the Governors, Principal and Fellows of McGill College constitute the Corporation of the University; and, under the Statutes framed by the Board of Governors, with approval of the Visitor, have the power of granting Degrees in all the Arts and Faculties, in McGill College, and Colleges affiliated thereto.

The Statutes and Regulations of the University have been framed on the most liberal principles, with the view of affording to all classes of persons the greatest possible facilities for the attainment of mental culture and professional training. In its religious character the University is Protestant, but not denominational; and while all possible attention will be given to the character and conduct of students. no interference with their peculiar religious views will be sanctioned.

The educational work of the University is carried on in McGill College, Montreal, and in the Affiliated Colleges and Schools.

#### I. McGILL COLLEGE.

- THE FACULTY OF ARTS.—The complete course of study extends over four Sessions, of eight months each; and includes Classics and Mathematics, Experimental Physics, English Literature, Logic, Mental and Moral Science, Natural Science, and one Modern Language, or Hebrew. The course of study is with few exceptions, the same for all students in the first two years; but in the third and fourth years extensive options are allowed, more especially in favour of the Honour Courses in Classics, Mathematics, Mental and Moral Science, Natural Science, English Literature and Modern Languages, Certain exemptions are also allowed to professional Students. The course of study leads to the Degrees of B.A., M.A., and LL.D.
- THE DONALDA SPECIAL COURSE IN ARTS provides for the education of women, with course of study, exemptions and honours similar to those for men.
- THE FACULTY OF APPLIED SCIENCE provides a thorough professional training, extending over three or four years, in Civil Engineering, Mechanical Engineering, Mining Engineering and Assaying, and Practical Chemistry, leading to the Degrees of Bachelor of Applied Science, Master of Engineering, and Master of Applied Science.
- THE FACULTY OF MEDICINE.—The complete course of study in Medicine extends over four Sessions, of six months each, and one Summer Session of three months in the 3rd Academic Year, and leads to the Degree of M.D., C.M.
- THE FACULTY OF LAW.—The complete course in Law extends over three Sessions of six months each, and leads to the degrees of B.C.L. and D.C.L.

# III. AFFILIATED THEOLOGICAL COLLEGES.

Affiliated Theological Colleges have the right of obtaining for their Students the advantage, in whole or in part, of the course of study in Arts, with such facilities in regard to exemptions as may be agreed on.

THE CONGREGATIONAL COLLEGE OF BRITISH NORTH AMERICA, Montreal.

THE PRESBYTERIAN COLLEGE, MONTREAL, in connection with the Presbyterian Church in Canada.

THE DIOCESAN COLLEGE OF MONTREAL.

THE WESLEYAN COLLEGE OF MONTREAL.

#### IV. AFFILIATED SCHOOLS.

- THE McGILL NORMAL School provides the training requisite for Teachers of Elementary and Model Schools and Academies. Teachers trained in this School are entitled to Provincial Diplomas.
- THE MODEL SCHOOLS OF THE McGILL NORMAL SCHOOL are Elementary Schools, divided into a Boys' Department, Girls' Department, and Primary School.
- COLLEGIATE INSTITUTES, ACADEMIES, and HIGH SCHOOLS may be affiliated in so far as regards Matriculation in Arts and Applied Science, under the University regulations. The following are at present so recognized:—

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Students of Affiliated Colleges are matriculated in the University, and may pursue their course of study wholly in the Affiliated College, or in part in McGill College, and may come up to the University Examinations on the same terms with the Students of McGill College.

MORRIN COLLEGE, Quebec—Is affiliated in so far as regards Degrees in Arts and Law.

Detailed information may be obtained from Rev. John Cook, D.D., Principal.)

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# CALENDAR, 1885-86.

	UALENDAR	, 1885-86.	,
1 Wednesday	JULY, 1885,	8	EPTEMBER, 1885.
2 Thursday 3 Friday 4 Saturday 6 Monday 7 Tuesday 8 Wednesday 9 Thursday 10 Friday	Summer Session ends.	r Tuesday 2 Wednesday 3 Thursday 4 Friday 5 Saturday 6 Monday 8 Tuesday 9 Wednesday 10 Thursday	
12 Saturday 13 Monday 14 Tuesday 15 Wednesday 16 Thursday 17 Friday 18 Saturday 19 SUNDAY 20 Monday 21 Tuesday 22 Wednesday 23 Thursday 24 Friday 25 Saturday 26 SUNDAY 27 Monday 28 Tuesday 28 Tuesday 29 Tuesday 20 Wednesday 21 Tuesday 22 Thursday 23 Thursday 24 Friday 25 Saturday	Dr. Wm. Robertson died, 1884 Sixth Sunday after Trinity.  Malpighi died, 1694.  Seventh Sunday after Trinity.	11 Friday 12 Saturday	Candidates for matriculation of Provincial Medical Board to send fee (\$10) to Dr. Belleau, Quebec. Candidates for the licence to send fee (\$20) and credentials.  Matriculation Examination of C. P. ct S. of Quebec (Provincial Board) at Quebec.  College of Physicians and Surgeons of Province of Quebec meets at Quebec.  Matriculation Exam. begins,
29 Wednesday 30 Thursday 31 Friday	IGUST, 1885.	26 Saturday 27 SUNDAY 28 Monday 29 Tuesday 30 Wednesday	High Sc., Peel street. Register opens.
3 MSILYDAY 3 MSILYDAY 4 Tuesday 5 Wednesday 6 Thursday 7 Friday 8 Saturday	Duverney born, 1648.	r Thursday 2 Friday 3 Saturday 4 SMARAY 6 Tuesday 7 Wednesday 8 Thursday 9 Friday	TOBER, 1885.  Session opens.  McGill Medical Society sem annual meeting.  Jas. McGill born 1744. Founder's day.  Prof. Holmes died, 1860.
Monday Tuesday Tuesday Thursday Friday Saturday Thursday Thursday Thursday Thursday Tuesday	Lavoisier born, 1743.	10 Saturday 11 Monday 13 Tuesday 14 Wednesday 15 Thursday 16 Friday 17 Saturday	Fallopius died, 1562.  Vesalins died, 1564.  Reamure died, 1757.
Wednesday Thursday Friday Saturday Tuesday Tuesday Wednesday Tuesday	Sir A. Cooper born, 1768.  Hey born, 1736.  Eleventh Sunday after Trinity.	13 SUNDAY 20 Tuesday 21 Wednesday 22 Thursday 23 Friday 24 Saturday 25 SUNDAY 26 Monday	Baillie born, 1761.
7 Thursday 8 Friday 9 Saturday 30 Monday	Goethe born, 1749.	26 Monday 27 Tuesday 28 Wednesday 29 Thursday 30 Friday 31 Saturday	All Hallows Eve. All Saints Day. No Lactuzes. Lectures began in Montreal Medical Institution in 1824.

NOVEMBER, 1885.  1 SUNDAY 2 Monday 3 Tuesday 4 Wednesday 5 Thursday 6 Friday  1 Friday 2 Saturday 2 Saturday 4 Monday 5 Tuesday 6 Wednesday 7 Tuesday 6 Wednesday 7 Tuesday	
2 Saturday 2 Monday 3 Tuesday 4 Wednesday 5 Thursday 6 Friday 6 Friday 7 Saturday 7 SBUNDAY 7 Monday 8 Tuesday 6 Wednesday 7 Wednesday 8 Wednesday	
7 Saturday 8 SUNDAY 9 Monday First Lectures delivered in Med. Faculty, 1829. Linacre born 1460. 1 SUNDAY 1 SUNDAY 1 Monday 1 Monday 1 Monday	Medical D'11
Tuesday 11 Wednesday 12 Thursday 13 Friday 14 Saturday 15 SUNDAY  Bichat born, 1771.  11 Monday 12 Tuesday 13 Wednesday 14 Thursday 15 Friday 16 Saturday 17 SUNDAY  Lower born 1653.	
16 Monday 17 Tuesday 18 Wednesday 19 Thursday 20 Wednesday 21 Saturday 22 SUNDAY 23 Monday 24 Tuesday 25 Wednesday 26 Thursday 27 Wednesday 28 Wednesday 29 Wednesday 20 Thursday 21 Thursday 22 SUNDAY 23 Monday 24 Tuesday 25 Monday 26 Thesday 27 Wednesday 28 Wednesday 29 Wednesday 20 Thursday 21 Thursday 22 Hursday 23 Monday 24 Tuesday 25 Monday 26 Thursday 27 Wednesday 28 Thursday 29 Thursday	:d 1833
27 Friday 28 Saturday 29 SUNDAY 29 SUNDAY 29 Friday 30 Saturday	Montreal 23.
	-
DECEMBER, 1886. FEBRUARY, 1886.	
1 Tuesday 2 Wednesday 3 Thursday 4 Friday 5 Saturday 6 SUNDAY 7 Monday 8 Tuesday 9 Wednesday 10 Thursday 11 Friday 12 Saturday 13 SUNDAY 14 Monday 15 Tuesday 16 Wednesday 17 Thursday 17 Thursday 18 Friday 19 Saturday 19 Friday 10 Thursday 11 Thursday 12 Saturday 13 SUNDAY 14 Monday 15 Tuesday 16 Wednesday 17 Thursday 18 Friday 19 Saturday 19 Friday 10 Wednesday 11 Thursday 12 Tuesday 13 Sunday 14 SUNDAY 15 Monday 16 Tuesday 17 Thursday 18 Friday 19 Friday 19 Friday 20 Sunday 21 Tuesday 22 Tuesday 23 Tuesday 24 Thursday 25 Friday 26 Saturday 27 Tuesday 28 Monday 29 Saturday 20 Saturday 20 Saturday 21 Sunday 22 Tuesday 23 Tuesday 24 Thursday 25 Friday 26 Saturday 27 Tuesday 28 Monday 29 Tuesday 20 Tuesday 21 Tuesday 22 Tuesday 24 Sunday 25 Friday 26 Saturday 27 Tuesday 26 Saturday 26 Saturday 27 Tuesday 27 Tuesday 26 Saturday 27 Tuesday 26 Saturday 27 Tuesday 27 Tuesday 26 Saturday 27 Tuesday 26 Saturday 27 Tuesday 26 Saturday 27 Tuesday 28 Monday 29 Tuesday 20 Saturday 21 Sunday 21 Sunday 22 Tuesday 22 Tuesday 25 Friday 26 Saturday 27 Tuesday 27 Tuesday 27 Tuesday 28 Monday 29 Tuesday 29 Saturday 20 Saturday 21 Sunday 21 Sunday 21 Sunday 22 Tuesday 23 Tuesday 24 Monday 25 Tuesday 26 Saturday 27 Tuesday 26 Saturday 27 Tuesday 27 Tuesday 28 Tuesday 29 Saturday 20 Saturday 20 Saturday 21 Tuesday 21 Tuesday 22 Tuesday 23 Tuesday 24 Tuesday 25 Tuesday 26 Tuesday 27 Tuesday 28 Tuesday 29 Saturday 20 Saturday 21 Tuesday 21 Tuesday 22 Tuesday 22 Tuesday 23 Tuesday 24 Tuesday 25 Tuesday 26 Saturday 27 Tuesday 28 Tuesday 29 Saturday 20 Saturday	% S. of notified
Christmas. Peyer born 1653, 26 Saturday 27 SUNDAY 28 Monday 29 Tuesday 30 Wednesday 31 Thursday  Christmas. Peyer born 1653, 24 Wednesday 25 Thursday 26 Friday 27 Saturday 28 SUNDAY 28 SUNDAY	

ANTIARY, 1886

]	MARCH, 1886.		MAY, 1886.
1 Monday 2 Tuesday 3 Wednesday 4 Thursday 5 Friday 6 Saturday	in the second	2 SUNDAY 3 Monday 4 Tuesday 5 Wednesday	Candidates for Matriculation of Provincial Board to send feel \$10, to Dr. F. W. Campbell, Montreal. Candidates for License to send fee, \$20, and credentials
7 SUNDAY 8 Monday 9 Tuesday 10 Wednesday	Clinical Examination begins at Hospital	6 Thursday 7 Friday 8 Saturday	Matriculation Examination of Quebec Medical Board at Montreal
11 Thursday 12 Friday 13 Saturday 14 SUNDAY	Lectures close Botany Examination	9 SUNDAY 10 Monday 11 Tuesday	
15 Monday 16 Tuesday 17 Wednesday	Histology. Physics Physiology, 10 a.m.; Chemistry, 3 p.m. Materia Medica, 10 a.m.; Anatomy 2 p.m.	12 Wednesday 13 Thursday 14 Friday 15 Saturday	Semi-annual Meeting of Que- bec Med. Board, at Montreal
18 Thursday 19 Friday 20 Saturday 21 SUNDAY	tomy, 3 p.m.	16 SUNDAY 17 Monday 18 Tuesday	Ed. Jenner born 1749 Heberden born 1710
22 Monday 23 Tuesday 24 Wednesday 25 Thursday 26 Friday	Ruysch born 1638	19 Wednesday 20 Thursday 21 Friday 22 Saturday 23 SUNDAY	
27 Saturday 28 SUNDAY 29 Monday 30 Tuesday	Convocation for conferring Degrees in Medicine, 3 p.m. Candidates for Ontario License	24 Monday 25 Tuesday 26 Wednesday 27 Thursday	Professor Scott died 1883
31 Wednesday	to send certificates, etc., to Dr. Pyne, Bay St., Toronto.	29 aturday 30 SUNDAY 31 Monday	Prof. G. W. Campbell died 1882
	APRIL, 1886.		JUNE, 1886.
r Thursday 2 Friday 3 Saturday 4 SUNDAY 5 Monday 6 Tuesday 7 Wednesday 8 Thursday 9 Friday 10 Saturday 11 SUNDAY 12 Monday	APRIL, 1886.  Summer Session begins	1 Tuesday 2 Wednesday 3 Thursday 4 Friday 5 Saturday 6 SUNDAY 7 Monday 8 Tuesday 9 Wednesday 10 Thursday 11 Friday 12 Saturday 13 SUNDAY	JUNE, 1886.  Corner-stone of Montreal General Hospital laid 1821  Eustachius died 1574.
r Thursday 2 Friday 3 Saturday 4 SUNDAY 5 Monday 6 Tuesday 7 Wednesday 8 Thursday 9 Friday 10 Saturday 11 SUNDAY 12 Monday 13 Tuesday 14 Wednesday 15 Thursday 15 Thursday 6 Friday Saturday		2 Wednesday 3 Thursday 4 Friday 5 Saturday 6 SUNDAY 7 Monday 8 Tuesday 9 Wednesday 10 Thursday 11 Friday 12 Saturday 18 SUNDAY 14 Monday 15 Tuesday 16 Wednesday 17 Thursday 17 Thursday 18 Friday	Corner-stone of Montreal General Hospital laid 1821
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r Thursday 2 Friday 3 Saturday 4 SUNDAY 5 Monday 6 Tuesday 7 Wednesday 8 Thursday 9 Friday 10 Saturday 11 SUNDAY 12 Monday 13 Tuesday 14 Wednesday 15 Thursday 16 Friday Saturday 18 SUNDAY 19 Monday 20 Tuesday 21 Wednesday 22 Thursday 22 Thursday	Summer Session begins Sydenham born 1624 Annual Meeting McGill Medical Society Petit born 1760	2 Wednesday 3 Thursday 4 Friday 5 Saturday 6 SUNDAY 7 Monday 8 Tuesday 9 Wednesday 11 Friday 12 Saturday 13 SUNDAY 14 Monday 15 Tuesday 16 Wednesday 17 Friday 18 Friday 19 Saturday 20 SUNDAY 21 Monday 22 Tuesday 23 Wednesday 23 Wednesday	Corner-stone of Montreal General Hospital laid 1821 Eustachius died 1574.

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WYATT G. JOHNSON, M.D., Demonstrator of Pathology.

# McGill Aniversity.—Laculty of Medicine. Time table—first and second years, 1885-86.

Monday.	Tursday.	WEDNESDAY.	THURSDAY.	FRIDAY.	
Examination,	Anatomy.	Anatomy.	Anatomy.	Anatomy.	Hygiene, 2nd or 3rd Year.
Practical Chemistry, 2nd Year till 12 o'clock,	Practical Chemistry, II. Botany, 1st Year.	Practical Chemistry, 2nd Year.	Practical Chemistry, Botany, 1st Year:	Practical Chemistry, 2nd Year.	Histology Demonstration.
	Out-Patients, Montreal General Hospital.	Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Montreal General Hospital,
hysiology Examination.	Physiology.	Physiology.	Physiology.	Histology, 1st Year. Lecture.	
Chemistry Examination.	Chemistry.	Chemistry.	Chemistry.	Chemistry.	
Materia Medica, for 2nd Year only.	Materia Medica, 2nd Year only.	Materia Medica, and Year only.	Materia Medica, and Year only.	Materia Medica, Examination.	Practical Physiology, 2nd Year.
	Practical Histology		Practical Histology.		
Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	
hy	Examination,  Practical Chemistry, 2nd Year till 12 o' clock.  Out-Patients, ntreal General Hospital  ysiology Examination.  Chemistry Examination.  Materia Medica, for 2nd Year only.	Practical Chemistry, 2nd Year till 12 o' clock.  Out-Patients, Montreal General Hospital Physiology.  Chemistry Examination.  Materia Medica, for 2nd Year only.  Practical Chemistry, II. Botany, 1st Year.  Out-Patients, Montreal General Hospital.  Physiology.  Chemistry.  Materia Medica, 2nd Year only.  Practical Histology.	Examination,  Practical Chemistry, 2nd Year till 12 o'clock.  Out-Patients, Montreal General Hospital.  Physiology.  Out-Patients, Montreal General Hospital.  Physiology.  Physiology.  Chemistry Examination.  Materia Medica, 2nd Year only.  Practical Anatomy.  Practical Anatomy.  Practical Anatomy.  Practical Chemistry, II. Practical Chemistry, 2nd Year.  Out-Patients, Montreal General Hospital.  Physiology.  Out-Patients, Montreal Gen'l Hospital.  Physiology.  Physiology.  Physiology.  Physiology.  Practical Materia Medica, 2nd Year only.  Practical Anatomy.  Practical Anatomy.	Examination.  Practical Chemistry, 2nd Year till 12 o'clock.  Out-Patients, Montreal General Hospital.  Physiology.  Out-Patients, Montreal Gen'l Hospital.  Physiology.  Physiology.  Chemistry  Examination.  Materia Medica, 2nd Year only.  Practical Chemistry, Botany, 1st Year.  Out-Patients, Montreal Gen'l Hospital.  Physiology.  Physiology.  Chemistry.  Chemistry.  Chemistry.  Chemistry.  Materia Medica, 2nd Year only.  Practical Anatomy.  Practical Anatomy.	Examination.  Practical Chemistry, 2nd Year.  Practical Chemistry, 2nd Year.  Practical Chemistry, 2nd Year.  Practical Chemistry, 2nd Year.  Practical Chemistry, Botany, 1st Year.  Practical Chemistry, Botany, 1st Year.  Practical Chemistry, Practical Chemistry, 2nd Year.  Practical Chemistry, Botany, 1st Year.  Practical Chemistry, Practical Chemistry, Botany, 1st Year.  Out-Patients, Montreal Gen'l Hospital.  Physiology.  Physiology.  Physiology.  Physiology.  Physiology.  Physiology.  Physiology.  Physiology.  Chemistry.  Chemistry.  Chemistry.  Chemistry.  Chemistry.  Chemistry.  Chemistry.  Chemistry.  Practical Chemistry, Pr

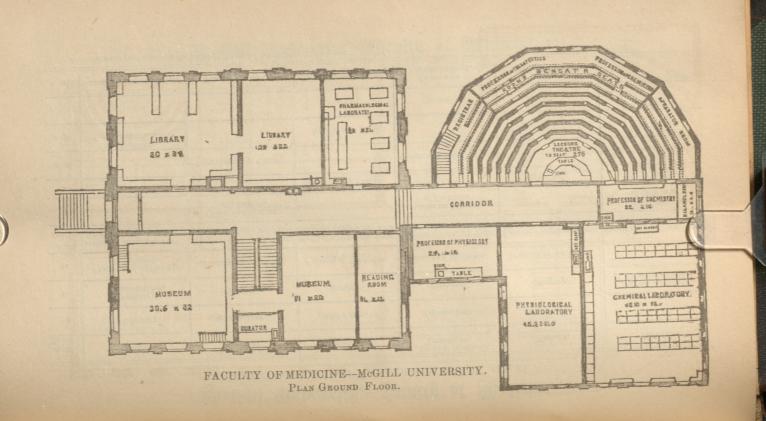
N.B.—The Demonstrator's Hours in the Dissecting Room are from 10-12 a.m. and from 8-10 p.m.

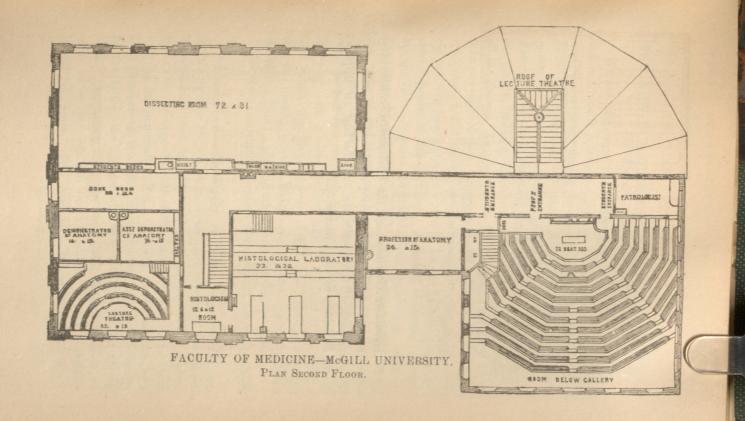
# McGill University.— faculty of Medicine.

TIME TABLE-THIRD AND FOURTH YEARS, 1885-86.

A.M.	Monday.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Midwifery.	Gynæcology.	Midwifery.	Gynæcology.	Midwifery.	
Io	Surgery, Examination.	Surgery.	Surgery.	Surgery.	Surgery.	Morbid Anatomy Demonstrations.
11	Practice of Medicine, Examination.	Practice of Medicine.	Practice of Medicine.	Practice of Medicine.	Practice of Medicine	Demonstrations.
P.M.	Medical Clinic, 4th Year. Surgical Clinic, 3rd Year.	Surgical Clinic, 4th Year. Medical Clinic, 3rd Year.	Medical Clinic, 4th Year. Surgical Clinic, 3rd Year	Surgical Clinic, 4th Year. Medical Clinic, 3rd Year.	Medical Clinic, 4th Year Surgical Clinic, 3rd Year	Surgical Clinic, 4th Year
I		Clinic on Diseases of Children,		Clinic on Diseases of Children,	- Startar	Clinic on Diseases of Children.
2			Neurological Clinic.		Skin Clinic.	or condition.
2.30		Gynæcological Clinic.		Gynæcological Clinic.		Gynæcological Clinic.
2.30	Ophthalmic Clinic.	E STORY A	Aphthalmic Clinic.		Aphthalmic Clinic.	
4	Medical Jurisprudence.	General Pathology.	Medical Jurisprudence.	Lecture on Ophthalmology.	Medical Jurisprudence.	

Autopsies are performed at the General Hospital between 12 and 2 p.m.





The complete Calendar of the University, containing the Announcements of the Faculties of Law, Arts and Applied Science, Lists of Graduates, &c., can be had on application to the Secretary of the University.

# THE NEW BUILDING OF THE MEDICAL FACULTY OF McGILL UNIVERSITY.

We are quite sure our readers will be pleased to hear that the continually increasing success of the Medical Faculty of McGill University during the past few years has been so great as to render the large building at present occupied by them altogether too small for teaching purposes. In consequence, the Faculty have now in course of construction an annex larger than the present building, which will greatly increase the facilities for all the classes. As it is now, the Faculty building is much larger than any other Medical College in the Dominion. When the annex is completed, and the extensive alterations contemplated in the old building have been made, it will be one of the largest and most complete on this continent. A student of former years will be unable to recognize the inside of the building in which he studied, as the only rooms existing then and now are the library and museum, and these, too, have been added to. Some idea of the size of the whole structure, complete, can be formed from the fact that the main hall on the first floor will be 136 feet long, with a room 28 feet long at the end of it, giving a total length from front to rear of 164 feet; also by the fact that the building covers 13,930 square feet. Accompanying this will be found a plan as taken from the College calendar.

For those interested we give a description of the entire building:—

Ground Floor.—The library, which is a very extensive one, containing over 10,000 volumes, will now consist of two rooms, the additional room being 30×22, and opening off the present one. On the opposite side of the hall is the museum, which will now be connected with an extensive additional room by a small chamber—in this way almost doubling its present capacity. In the latter, the curator will have facilities for his special work. Continuing along the main hall, the second door we come to on the left will be the entrance to the pharmacological laboratory. This room is to be specially fitted up for

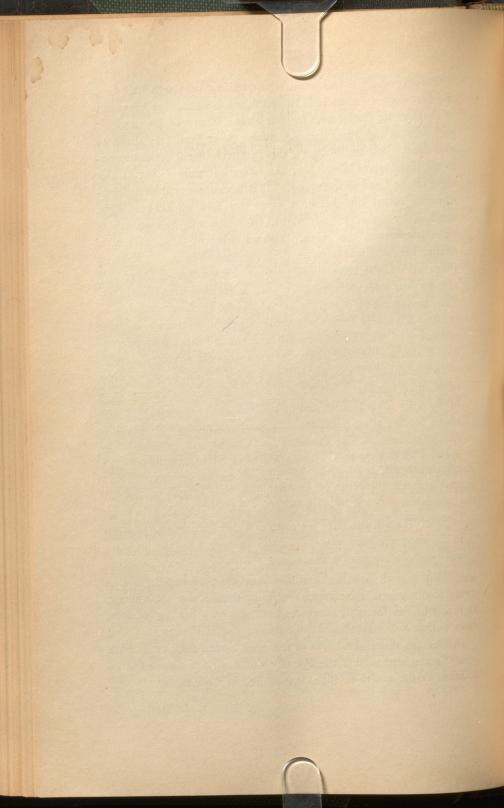
demonstrating, experimentally, the actions of drugs, as well as for giving courses on practical pharmacy. On the opposite side of the hall is the students' reading-room, which is to be comfortably fitted up. Next to the reading-room is the private room of the Professor of Physiology. This is chiefly for the purposes of the experimental work of the professor himself. Here, also, will be kept the valuable apparatus of this department, which has been extensively added to, and is now thoroughly efficient. This opens into the physiological laboratory, which is the next room to the right. Here the students will themselves take an active part in the physiological work, just as in the adjoining chemical laboratory they study chemistry practically. chemical laboratory will have accommodation for seventy-five students, all engaged in the practical work of this subject. Here every convenience is provided for enabling the student to pursue this special work. Opening off the laboratory is the "balance room" and private room for the Professor of Chemistry. On the opposite side of the main hall is the large lecture theatre for the classes on these two branches. This room is hexagonal in shape, and its widest part measures 76 feet. It is lighted by a skylight, and three windows to the rear of the students, which also serve admirably for ventilating purposes. It will seat comfortably 275 students. Beneath the higher seats are four rooms, each 8 feet high and 10 feet wide. The Professor of Therapeutics will occupy the first two rooms, one of which will be for the convenient performance of his duties as Registrar. The Professor of Chemistry will use the other two rooms for physical apparatus and also for private experimental work.

Second Storey.—Opposite the main staircase is the dissecting-room. This will be now 72 feet long, and will be provided with 20 tables. The room will be splendidly lighted—by daylight from two skylights, as well as windows from three points of the compass; and at night there will be both electric lights and gas. Opening off the dissecting-room is the bone-room. This will have a large table in its centre and seats, will be well supplied with bones, and will be a convenient place for the study of osteology. Opening off the bone-room will be rooms for the Demonstrator and his assistants.

Turning sharp to the left after ascending the main stairway, the first door we come to is the entrance to a small lecture-room or theatre for demonstrating purposes. This will be used for pathological and other demonstrations to at least fifty students at a time. Close to the door of this theatre is one of the entrances to the histological laboratory, the other entrance being to the right of the head of the stairs. This laboratory will have, commencing about its centre, a stage two feet six inches high, reached by three or four steps, on which will be two tables extending across the room. Behind this will be another of a similar heighth, and arranged in the same manner. Each of these tables will have three or four microscopes. There will also be four tables ten feet long, with microscopes, on floor level. This arrangement of stages is to prevent students standing in front of the tables from obstructing the light of those using the microscopes. This laboratory will be furnished with thirty microscopes, also microtomes and other apparatus for practical work.

In the annex on this flat will be a large lecture-room, capable of seating comfortably 300 students. Its measurements are 56 by 46. This theatre will be utilized as the anatomy lecture room, besides other purposes. Separate entrances are provided for the students. The Professor of Anatomy will have his room opening off this theatre. Beneath the higher seats will be rooms eight feet high and twelve feet wide at narrowest part. Their occupants have not yet been decided upon, but will be so arranged that the Pathologist of the College can utilize what he may require. He will also have the room to which his name is attached in the accompanying plans. In the basement of the building will be a cloak room for students.

All the work is being most substantially performed, the east and south faces of the annex being built of stone, the rest of brick. It will be well heated, every regard being had for the comfort, as well as the educational requirements of the student. The contractors undertake to have the work completed by the 15th of September, so that the Faculty will commence work on the 1st of October with facilities unequalled in Canada.



# Faculty of Medicine,

### THE PRINCIPAL (ex-officio).

Professors :-Professors :-WRIGHT, RODDICK. HOWARD, GARDNER. McCallum, SHEPHERD. CRAIK, BULLER. FENWICK, BROWNE. DRAKE. STEWART. GIRDWOOD. WILKINS,

Ross.

Dean.—R. P. HOWARD, M.D. Registrar.—J. STEWART, M.D.

PENHALLOW.

The fifty-third session of the Faculty will be opened on Thursday, October 1st, 1885, by an introductory lecture at 3 p.m. The regular lectures will begin on October 2nd, at the hours specified in the time table, and will be continued for six months.

The Medical School of McGill University was founded in 1824 as the "Medical Institution" by Drs. John Stephenson, Andrew F. Holmes, William Robertson and William Caldwell. In 1829 the Medical Institution became the Medical Faculty of McGill College. There were no sessions during the political troubles from 1836 to 1839, and it is owing to this gap that the present is the 53rd session of the Faculty. In reality this is the 57th session of the school, which is the direct continuation of the Medical Institution.

The Faculty have great pleasure in announcing that by arrangements made with the Board of Governors of the University an addition to the medical building is being constructed which will

double its capacity, and at the same time important improvements in the old building are also being effected. These changes will be completed before the session opens on the first of October.

The necessity for additional accommodation has been brought about by the great increase in the number of students. It is also the desire of the Faculty to make the practical and scientific teaching of all the primary and third year branches in future a more prominent feature of the Medical Students' training in this University, and equal to that of the more advanced European Schools. With this end in view the old laboratories for Chemistry and Physiology are to be much enlarged and refurnished, while new ones for Pathology, Histology and Pharmacology are in course of erection—all of which will be fitted according to the more modern methods for the practical prosecution of studies in these different branches.

The Dissecting Room which is being considerably enlarged, will be refurnished and lighted by electricity. In connection with it there will be a "Bone Room," and the private rooms and museum of the Professor and Demonstrators of Anatomy.

The Pathological Laboratory will be furnished in such a way as to contain all instruments and apparatus necessary for the more advanced students and graduates who wish to engage in private pathological research. The various morbid specimens obtained from the General Hospital and other sources will be demonstrated to the students in this Laboratory or in a small lecture room specially fitted up for demonstration purposes.

The classes engaged in Pathological Histology will make use of the Histological Laboratory when pursuing this subject.

The Physiological Laboratory will be fitted up with the most modern apparatus, much of which has been specially prepared in Germany and England for this institution. It will contain amongst other valuable instruments, kymographs, various manometers, etc., for demonstrating blood pressure, myographs rheocords, moist chambers, etc., and various electrical appliances for demonstrating experiments in connection with nerve and muscle, special apparatus for illustrating various points in respiration; apparatus specially suitable for demonstrating the processes of digestion as well as the chemical composition and action of the secretions, and the

chief constituents of the tissues and nutritive fluids. The laboratory will be arranged in such a way as to permit of the students helping and taking part in these demonstrations.

The Histological Laboratory will be furnished with thirty microscopes all from the well known makers, Zeiss, Hartnack and Leitz. From the large number of microscopes employed, students will have special facilities in studying and making themselves thoroughly acquainted with the specimens that are the subjects of demonstration. Students attending the practical class will have unusual facilities for preparation of specimens.

The Pharmacological Laboratory will contain all the instruments and appliances necessary for the conducting of experimental investigations into the action of drugs on the different systems of the body

Courses on practical pharmacy will also form a feature of the future teaching of materia medica in this institution.

In the new building there will be one small and two large lecture theatres, the latter being so constructed as to seat comfortably 300 students each, while the former is intended for demonstration courses, and where the number of students does not exceed fifty.

Besides considerable additions to the museum and library there will be a students' reading room on the ground floor.

The class tickets for the various courses are accepted as qualifying candidates for examination before the various Colleges and Licensing bodies of Great Britain and Ireland, and the College of Physicians and Surgeons of Ontario. The degree in Medicine of this University carries with it at the Licensing Boards of Great Britain the same exemptions in certain subjects as are granted to all colonial degrees.

To meet the circumstances of the General Practitioners in British North America, where there is no division of the profession into Physicians and Surgeons exclusively, the degree awarded upon graduation is that of "Doctor of Medicine and Master of Surgery," in accordance with the general nature and character of the curriculum, as fully specified hereafter. The degree is received by the College of Physicians and Surgeons of the Province of Quebec.

It affords the Faculty great satisfaction to be able to announce that their efforts to secure an endowment have been successful. As the lists on a previous page show, over \$50,000 have been subscribed to the

Campbell Memorial Fund; and the Hon. Donald A. Smith on August 1883, redeemed his promise by handing over to the Governors for the use of the Faculty \$50,000, to be known as the "Leanchoil Endowment."

The Faculty take this opportunity of publicly expressing its sincere thanks to the benefactors to whom the University and the cause of Medical education are thus indebted. It is also extremely gratifying to the Faculty to feel that the memory of its late Dean should have received such a lasting tribute and that his name should be thus permanently associated with the school he loved, as well as through the liberal gift of Mr. Geo. Stephen, with the Hospital he so long served.

#### T.

# MATRICULATION.

It is very important that intending Students should bear in mind the following:

(1) That if natives of Ontario, and if they wish to obtain the licences of that Province, they must conform to the regulations regarding the Preliminary Examination, and register before beginning their Medical Studies.

(2) If natives of the Province of Quebec, they must pass the Matriculation Examination of the Quebec Medical Board.

(3) Natives of the Maritime Provinces and of Manitoba, may present themselves before the Local Medical Boards for the Preliminary Examination. Where the Examination and Standard are equivalent to those of the University, a certificate (bearing the standing of the candidate in the various subjects) will be accepted, and the student may register without further examination or fee.

Graduates in Arts are exempt from the Matriculation.

# (a).—UNIVERSITY MATRICULATION EXAMINATION.

This examination is the same as that recommended by the Medical Council of Great Britain. Examinations in conformity therewith will be held the last Friday and Saturday in March and the last Friday

and Saturday in September of each year. Applications may be made to the Registrar of the F aculty till the evening of the previous day The requirements of the standard for Matriculation are:—(1) English Language, including Grammar and Composition.\* (2) English History. (3) Modern Geography. (4) Latin, including Translation from the original and Grammar. (5) Elements of Mathematics, comprising (a) Arithmetic, including Vulgar and Decimal Fractions; (b) Algebra, including simple Equations: (c) Geometry, including the first two books of Euclid or the subjects thereof. (6) Elementary Mechanics of Solids and Fluids, comprising the elements of Statics, Dynamics and Hydrostatics. (7) One of the following optional subjects:—(a) Greek, (b) French, (c) German, (d) Italian, (e) any other modern language, (f) Logic, (g) Botany, (h) Elementary Chemistry.

TEXT-BOOKS.—Latin,—Cicero, Orations 1 and 2 against Cataline; or Virgil, Æneid, Bk. I.

GREEK.—Xenophon, Anabasis, Bk. I., or equivalent.

FRENCH.—Charles XII., Two Books.

NATURAL PHILOSOPHY.—Ganot's Physics.

BOTANY.

ELEMENTARY CHEMISTRY.

<sup>\*</sup> The ability of the candidate will be fully tested in the following:—"(I)
To write sentences in English on a given theme, attention being paid to spelling
and punctuation as well as to composition; (2) to write correctly from dictation;
(3) to explain the grammatical construction of sentences; (4) to point out the
grammatical errors in sentences ungrammatically composed, and to explain their
nature; and (5) to give the derivation and definition of English words in common
use."

# (b).—MARTICULATION EXAMINATION OF THE COL-LEGE OF PHYSICIANS AND SURGEONS OF QUEBEC.

### COMPULSORY SUBJECTS.

LATIN.—Cæsar's Commentaries, Book V,—Virgil's Æneid, Book V.—The Odes of Horace, Book 1.

ENGLISH—Sprague's "Six Selections from Washington Irving's Sketch Book."—A play of Shakespere's, viz., "The Tempest," for 1884; Richard III., for 1885; and "The Mid summer Night's Dream," for 1886.

French-Fénélon's "Aventures de Télémaque."-A French play, viz., Corneille's "Le Cid," 1884; Moliere's "Le Misan thrope," 1885, and Racine's "Esther" for 1886.

Belles Lettres.—Principles of the subject. History of the Literature of the age of Pericles in Greece, of Augustus in Rome, of Elizabeth in England, and Louis XIV. in France.

HISTORY .- Outlines of the History of Greece and Rome, with particular knowledge of England, France and Canada.

Geography.—A general view, with particular knowledge of England, France and North America.

ARITHMETIC.—Must include Vulgar and Decimal Fractions, Simple and Compound Proportion, Interest and Percentages, and Square Root.

ALGEBRA.-Must include Fractions and Simultaneous Equations of the First Degree.

GEOMETRY.—Euclid, Books I., II., III., or the portion of plane Geometry covered by those Books. Also the measurement of the lines, surfaces and volumes, of regular geometrical figures.

### OPTIONAL SUBJECTS.

Greek.—Xenophon's Anabasis, Book I.—Homer's Iliad, Book I. PHYSICS.—Outlines of the subject as in Ganot's Physics, translated

by Atkinson.

PHILOSOPHY.—Elements of Logic and of Moral Philosophy, as in Jevon's Logic and Calderwood's Hand-book of Moral Philosophy.

The Examinations will be held upon the 18th of September, 1885.

at Quebec, and on the 7th of May, 1886, at Montreal. Applications to be made to Dr. F. W. Campbell, Montreal, or Dr. Belleau, Quebec, either of whom will furnish schedule giving text books and percentage of marks to be obtained.

Examination Fee, ten dollars. Should the candidate be unsuccessful, one half of the fee will be returned.

Of the four years study after having passed the Matriculation Examination, three six months' sessions, at least, must be attended at a University, College, or Incorporated School of Medicine, recognized by the "Provincial Medical Board." The first session must be attended during the year immediately succeeding the Matriculation Examination, and the final session must be in the 4th year.

# (c) MATRICULATION EXAMINATION OF THE COLLEGE OF PHYSICIANS AND SURGEONS OF ONTARIO.

Every one desirous of being registered as a Matriculated Medical Student in the Register of this College, except as hereinafter provided, must present to the Register the official certificate of having passed the 3rd class non-professional examination with Latin; whereupon he shall be entitled to be so registered upon the payment of twenty dollars and giving proof of his identity.

Graduates in Arts, or Students having matriculated in Arts in any University in her Majesty's Dominions are not required to pass this Examination, but may register their names with the Registrar of the College, upon giving satisfactory evidence of their qualifications and upon paying the fee of twenty Dollars.

#### II.

## ENREGISTRATION AND PAYMENT OF FEES.

The following are the University Regulations:

All Students desirous of attending the Medical Lectures shall, at the commencement of each Session, enrol their names and residences in the Register of the Medical Faculty, and procure from the Registrar a ticket of Enregistration, for which each Student shall pay a fee of \$5; excepting in the Clinical Classes, in which Enregistration for Students of other Schools shall not be compulsory.

The said Register shall be closed on the last day of October in each year. The fees are payable to, and all class tickets will be issued

by, the Registrar, and must be paid in advance (except under special circumstances) at the time of enregistration.

Enregistration in the Summer Session is compulsory upon all Students, whether attending one or more of the Classes.

III.

# COURSES OF LECTURES.

#### ANATOMY.

PROFESSOR FRANCIS J. SHEPHERD.

JOHN STEPHENSON, 1824. OLIVIER T. BRUNEAU, 1842. WILLIAM E. SCOTT, 1856. FRANCIS J. SHEPHERD, 1883.

Anatomy will be taught in the most practical manner possible, and its relation to Medicine and Surgery will be fully dwelt on. The lectures will be illustrated by the fresh subject, moist and dry preparations, sections, models, and plates and drawings on the black-board.

# PRACTICAL ANATOMY.

Special attention is devoted to this important branch, the teaching being similar to that of the best European schools. The Dissecting-Room is open from 8 a.m. to 10 p.m.; the Demonstrators' hours are from 10 to 12 a.m., and 8 to 10 p.m. Special Demonstrations on the Brain, Thorax, Abdomen, Bones, etc., are frequently given. Every Student must be examined at least three times on each part dissected, and if the examinations are satisfactory a certificate is given. Prizes are awarded at the end of the Session for the best examination on the fresh subject. Abundance of material provided.

# CHEMISTRY.

PROFESSOR GILBERT P. GIRDWOOD.

Andrew F. Holmes, 1824.
Archibald Hall, 1844.

WILLIAM SUTHERLAND, 1849. ROBERT CRAIK, 1867.

GILBERT P. GIRDWOOD, 1879.

Inorganic Chemistry is fully treated; a large portion of the course is devoted to Organic Chemistry and its relations to Physiology. The branches of Physics bearing upon or connected with Chemistry

also engage the attention of the Class. For experimental illustration abundant apparatus is possessed by the College.

The Chemical Laboratory will be open to members of the class to repeat experiments performed during the course, under the superintendence of the Professor or his Assistant.

### PRACTICAL CHEMISTRY.

PROFESSOR GILBERT P. GIRDWOOD.

ASSISTANT R. F. RUTTAN.

Thorough instruction is given in the different departments of Practical Chemistry in the Laboratory of the Faculty, under the personal supervision of the Professor. The course includes blow-pipe manipulations, qualitative and quantitative analysis, toxicological investigations, &c., &c. This class may be taken in the Summer Session.

#### PHYSIOLOGY.

LECTURER T. W. MILLS.

John Stephenson, 1824. Stephen C. Sewell, 1842. Robert L. Macdonnell, 1845.

WILLIAM FRASER, 1849. JOSEPH M. DRAKE, 1872. WILLIAM OSLER, 1874.

T. W. MILLS, 1884.

- (1) A full course of didactic lectures upon the structure and functions of the various organs of the body in health. The lectures are illustrated by fresh preparations, diagrams, plates and models, and by experiments with apparatus.
- (2) Practical Physiology:—In addition to the demonstrations in the Lecture room, the senior members of the class have an opportunity of attending the following: (a) Physiological chemistry weekly until Christmas, in which class each student works over the essentials of the chemistry of digestion, the secretions and the urine, (b) A special demonstration course in Experimental Physiology, weekly after Christmas, with the use of apparatus.

#### HISTOLOGY.

PROFESSOR GEO. WILKINS.

This will consist of a course of ten lectures and twenty-five weekly demonstrations with the Microscope. As the demonstrations will be chiefly relied upon for teaching the Microscopic Anatomy of the various structures, the specimens under observation will then be minutely described. Plates and diagrams specially prepared for these lectures will be freely made use of.

Practical Histology.—This is an optional course given by Prof. Wilkins for the purpose, more especially, of teaching Microscopy. It will consist of twenty-five lessons of two hours each. Each Student will be provided with a Microscope and shewn how to use it, and also how to cut, stain and mount specimens for microscopical investigation.

For the purpose of enabling students to observe the different effects of staining, &c., on diseased and healthy structures, a few diseased specimens will be given them to prepare, at the latter part of the course. Students are at liberty to keep all the specimens they prepare. One of the great advantages of this course is that Students will be able to collect a cabinet of 100 or more specimens for reference at any time; these, besides being of great help to them during their College course they will find especially useful when in active practice for the purpose of comparison with diseased growths. Reagents, and everything except cover-glasses and cabinet cases, provided. Fee \$12.

# MATERIA MEDICA.

PROFESSOR JAMES STEWART.

Andrew F. Holmes, 1824. Archibald Hall, 1835. WILLIAM WRIGHT, 1854.

JAMES STEWART, 1883.

The course on this subject deals for the most part with the pharmacology and therapeutics of the different medicinal agents. A good deal of attention will be given to the "untoward effects" of drugs, and when possible these effects will be illustrated by the exhibition of living specimens.

The leading officinal agents of the British Pharmacopœia will be fully considered, as will also those drugs of recent introduction into practice which have been found useful, but have not, as yet, found their way into the Pharmacopœia. The following groups of medicinal agents will, on account of their great importance, receive special attention:—(1) Cardiac Tonics, (2) Cardiac Depressants, (3) Motor Stimulants, (4) Motor Depressants, (5) Anæsthetics, (6) Analgesics, (7) Mydriatics, (8) Alteratives, (9) Hæmatinics, (10)

Astringents, (11 Purgatives,) (12) Digestants, (13) Nutritives, (14) Antiseptics, (15) Antipyretics, (16) Diuretics.

Electro therapeutics will also be dealt with.

#### MEDICINE.

PROFESSOR R. PALMER HOWARD.

WILLIAM CALDWELL, 1824. WILLIAM ROBERTSON, 1833.

ANDREW F. HOLMES, 1844. R. PALMER HOWARD, 1860.

While the lectures on this subject are mainly devoted to Special Pathology and Therapeutics, no opportunity is lost of illustrating and explaining the *general* laws of disease. With the exception of certain affections seldom or never observed in this country, all the important internal diseases of the body, except those peculiar to Women and Children, are discussed, and their Pathological Anatomy illustrated by the large collection of morbid preparations in the University Museum, and by fresh specimens contributed by the Demonstrator of Morbid Anatomy.

The College possesses an extensive series of Anatomical plates illustrative of the histological and anatomical appearances of disease and the wards of the General Hospital afford the lecturer ample opportunities to refer to living examples of very many of the maladies he describes, and to give the results of treatment,

#### CLINICAL MEDICINE.

PROFESSOR GEORGE ROSS.

James Crawford, 1845 and 1852. ROBERT L. MACDONNELL, 1849. STEPHEN C. SEWELL, 1850.

R. PALMER HOWARD, 1856. DUNCAN C. MACCALLUM, 1860 JOSEPH M. DRAKE, 1868.

GEORGE Ross, 1872.

Attendance is given in the Medical Wards of the Montreal General Hospital on three days of every week with the 3rd year students and three days with those of the 4th year. Accurate reports of all cases are kept by duly appointed clinical clerks, and are systematically read before the class. Instruction is given at the bedside, and special inducements are offered to every pupil to take part in the physical examination of patients. The mode of conducting investigations, the use of the microscope, the value of the thermometer and ophthalmoscope, etc., in Medical Diagnosis, are all explained and illustrated.

Senior Students are called upon in rotation to examine new cases before the class, and to be examined thereon as to their general knowledge. In addition, one weekly Clinical Lecture is delivered, bearing upon some case or cases of importance which may happen to be under observation at the time. Special attention is directed to Medical Anatomy, and candidates for the degree will be examined thereon.

#### SURGERY.

PROFESSOR GEO. E. FENWICK.

JOHN STEPHENSON, 1824. G. W. CAMPBELL, 1835.

The first part this course consists of Surgical Pathology, illustrated by a large collection of preparations from the College Museum, also specimens as they are obtained from cases under observation at the Hospital, and contributed to that collection by the Hospital pathologist and from private sources. The second part of the course is devoted to the practice of Surgery, in which attention is drawn to cases which have been observed by the class during the previous summer session. The various surgical appliances are exhibited, and their uses and application explained. Surgical Anatomy and Operative Surgery form a special department of this course, and Quain's and Maclise's plates are used in illustration.

# CLINICAL SURGERY.

PROFESSOR THOMAS G. RODDICK.

James Crawford, 1845. William E. Scott, 1852. Duncan C. MacCallum, 1856. ROBERT CRAIK, 1860. GEORGE E. FENWICK, 1868. THOMAS. G. RODDICK, 1875.

This course is eminently practical, consisting of bedside instruction and lectures delivered weekly, illustrative of surgical cases actually present in the wards of the General Hospital. The class is separated into junior and senior divisions which are taken charge of by the Professor on alternate days, when the reports of the Clinical clerks are read and criticized, and fresh cases are examined by the senior students. The surgical dressings are, as much as possible, reserved for these occasions, so as to give all present an opportunity of participating in the application of splints to fractures

dressing of wounds, minor operations, etc. Major operations are performed in the theatre attached to the Hospital, which is so constructed that the most distant can obtain a fair view of the operation. All the recently invented appliances for the treatment of surgical disease have been introduced into the Hospital.

#### MIDWIFERY.

#### PROFESSOR A. A. BROWNE.

WILLIAM ROBERTSON, 1824. JOHN RACEY, 1833. GEO. W. CAMPBELL, 1835.

MICHAEL MCCULLOCH, 1842.
ARCHIBALD HALL, 1854.
DUNCAN C. MACCALLUM, 1867.
A. A. BROWNE. 1882.

This course will embrace (1) Lectures on the principles and practice of the obstetric art, illustrated by diagrams, fresh and preserved specimens, the artificial pelvis, &c. (2) Bedside instruction in the University Maternity, including the management and aftertreatment of cases. (3) A complete course on obstetric operations with the phantom and preserved feetuses, in which each final student will perform the various manipulations and operations. (4) The Diseases of Infancy.

### GYNÆCOLOGY.

### PROFESSOR WM. GARDNER, 1883.

The course on this subject will comprise two lectures a week throughout the session. The anatomy and physiology of the parts concerned will be first discussed. Then the various methods of examination will be fully described, the necessary instruments exhibited and their uses explained. After this the diseases peculiar to the sex will be considered as fully as time will permit, in the following order:—Disorders of Menstruation; Leucorrhæa, its causes and treatment; Pelvic Cellulitis and Peritonitis; Lacerations of the Cervix Uteri and Perineum; Urinary and Fæcal Fistulæ; Inflammations of the Uterus; Displacements of the Uterus; Tumors of the Uterus; Diseases of the Ovaries.

The lectures will be illustrated as fully as possible by drawings and morbid specimens. The gynæcological clinic of the General Hospital furnishes the Professor with ample material to illustrate the subjects considered in the didactic lectures.

PROFESSOR GEO. WILKINS.

WILLIAM FRASER, 1845. FRANCIS BADGLEY, 1849. FRANCIS C. T. ARNOLDI, 1850. WILLIAM E. SCOTT, 1851. WILLIAM WRIGHT, 1852.

R. PALMER HOWARD, 1854. DUNCAN C. MACCALLUM, 1860. GEORGE E. FENWICK, 1867. WILLIAM GARDNER, 1875. GEORGE WILKINS, 1883.

This course includes Insanity, the subject being treated of in its Medical as well as Medico-legal aspects. Special attention is devoted to the subject of blood stains, the Clinical, Microscopic and Spectroscopical tests for which are fully described and shown to the class. The various spectra of blood in its different conditions are shewn by Zeiss' Microspectroscope, so well adapted for showing the reactions with exceedingly minute quantities of suspected material. Recent researches in the diagnosis of human from animal blood are alluded to. In addition to the other subjects usually included in a course of this kind, Toxicology is taken up. The modes of action of poisons, general evidence of poisoning and classification of poisons are first treated of, after which the more common poisons are described, with reference to symptoms, post-mortem appearances, and chemical tests. The postmortem appearances are illustrated by plates, and the tests are shown to the Class.

OPHTHALMOLOGY AND OTOLOGY.

PROFESSOR FRANK BULLER, 1883.

Will include a course of lectures on diseases of the Eye and the Ear, both Didactic and Clinical. In the former the general principles of diagnosis and treatment will be dealt with; in the latter, cases illustrative of the typical forms of ordinary diseases of these organs will be exhibited and explained to the class, and afterwards placed under the special care of gentlemen who may show themselves competent to take charge of them. A course of Operations on the cadaver will be open to such Students as may wish to avail themselves of the same.

# HYGIENE.

LECTURER R. L. MACDONNELL.

GEORGE ROSS, 1871. THOS. G. RODDICK, 1873. ROBERT T. GODFREY, 1875. WILLIAM GARDNER, 1879.

R. L. MACDONNELL, 1883.

A three months' course of Lectures will be delivered on this sub-

ject, the attendance upon which is now compulsory. The course comprises lectures on Drinking Water and Public Water supplies; conditions of Soil and Water as affecting health, including Drainage and the various methods for the removal of Excreta; the Atmosphere, including Heating and Ventilation; Individual Hygiene, comprising the subjects of Food and Drink; Physical Exercise and Bathing; discussion of the respective merits of the various forms of each, precautions, contra-indications, etc. Village Sanitary Associations; Mutual Protective Sanitary Associations for cities.

#### BOTANY.

PROFESSOR D. P. PENHALLOW.

Andrew F. Holmes, 1829. Dr. Papineau, 1845.
James Barnston, 1857. D. P. Penhallow, 1883.

The course in Botany includes Histology, General Morphology, Nutrition and Reproduction, and Classification, and is illustrated by specimens, diagrams, models, and the microscope.

Students of the first year have access without any additional fee to the lectures in Zoology, in the Faculty of Arts, and to the Natural History Museum of the University and the Museum of the Natural History Society of Montreal.

#### PATHOLOGY.

DEMONSTRATOR W. G. JOHNSTON.

- (1) Twenty lectures on General Pathology to the students of the 3rd year.
- (2) Pathological Demonstrations—weekly—Saturday, 10 a.m. This course is based upon, and conducted, as far as possible, in the same way as that of Prof. Virchow, at the Berlin Pathological Institute. Specimens of all kinds are collected throughout the week, kept until Saturday, and then brought before the class, when practical comments are made upon them.
- (3) Instruction in Post-Mortems—The Autopsy Room of the General Hospital is in charge of the Demonstrator, and the post-mortems are performed by the Students in rotation, under his supervision. System and thoroughness in inspection are insisted upon, the method followed being that of Virchow. As far as possible, attention is drawn to the Medical Anatomy of the thoracic and abdominal organs. In connection with this course, aided by the Professor of

Medical Jurisprudence, two Coroners' Inquests will be conducted during the Session before the class, and the Medico-legal aspects of post-mortems dwelt upon.

Extracts from the University Regulations with respect to the courses of Lectures:

1st. Each Professor shall deliver at least five Lectures during the week, except in Medical Jurisprudence and Botany, if extended through six months, in which case three Lectures a week will suffice.

2nd. Every Lecture shall be of one hour's duration.

3rd. Every Professor shall occasionally examine his class upon the subjects treated of in his preceding Lectures, and every such examination shall be considered a Lecture.

4th. A roll of the names of the Students attending each class shall be called from time to time.

#### IV.

# QUALIFICATIONS FOR THE DEGREE.

The following are extracts from the Regulations respecting the qualifications of Candidates for the Degree in Medicine:

No one entering after October first, 1884, will be admitted to the Degree of Doctor of Medicine and Master of Surgery, who shall not have attended Lectures for a period of at least four six months' sessions and one three months' summer session\* in this University, or some other University, College or School of Medicine, approved of by this University.

2nd. Candidates for Final Examination shall furnish Testimonials of attendance on the following branches of Medical Education, viz.:-

Anatomy. Chemistry. Materia Medica and Pharmacy. Institutes of Medicine. Principles and Practice of Surgery. Midwifery and Diseases of Women and Children. Theory and Practice of Medicine. Practical Anatomy. Clinical Medicine. Clinical Surgery.

Medical Jurisprudence.

Practical Chemistry. Botany or Zoology. Hygiene.

Of which two Courses will be required of six months' duration.

Of which one Course of six months or two Courses of three months will be required.

Of which one Course will be required of three months' auration.

<sup>\*</sup> To be taken after 3rd winter session.

And a Course of not less than twenty-five Demonstrations upon Microscopic Anatomy, Physiology, and Pathology.

Provided, however, that Testimonials equivalent to, though not precisely the same, as those above stated may be presented and accepted.

3rd. The Candidates must give proof by ticket of having attended during eighteen months the practice of the Montreal General Hospital, or that of some other Hospital approved of by this University, and have compounded medicines for six months.

4th. He must also give proof by ticket of having attended for at least six months the practice of the University or other Lying-in-Hospital approved of by this University, and of having attended at least six cases of accouchement.

5th. No one will be permitted to become a Candidate for examination who shall not have attended at least one Session of this University, and one full course of all the branches included in its curriculum.

6th. Courses of less length than the above will only be received for the time over which they have extended.

7th. Every Candidate for the Degree must, on or before the fifteenth of February, present to the Registrar of the Medical Faculty testimonials of his qualifications, entitling him to an examination, and must at the same time deliver to the Registrar of the Faculty the following Certificate:—

MONTREAL, \_\_\_\_\_18\_\_

I, the undersigned, being desirous of obtaining the Degree of Doctor of Medicine and Master of Surgery, do hereby declare that I have attained the age of twenty-one years, or (if the case be otherwise), that I shall have attained the age of twenty-one years before the next graduation day, and that I am not (or shall not be at that time) under articles as a pupil or apprentice to any Physician, Surgeon, or Apothecary.

(Signed), A.B.

8th. The trials to be undergone by the Candidate shall be such as are referred to under Section V.

9th. The following Oath or affirmation will be exacted from the Candidate before receiving his degree:

#### SPONSIA ACADEMICA.

In Facultate Medicinæ Universitatis.

Ego, A——B——, Doctoratus in Arte Medica, Ititulo jam donandus, sancto coram Deo cordium scrutatore, spondeo;—me in omnibus grati animi officiis erga hanc Universitatem, ad extremum vitæ halitum, perseveraturum; tum porro artem medicam caute, caste, et probe exercitaturum; et quoad in me est, omnia ad ægrotorum corporum salutem conducentia, cum fide procuraturum; quæ denique, inter medendum, visa vel audita silere conveniat, non sine gravi causa vulgaturum. Ita præsens mihi spondenti adsit Numen.

10th. The Fee for the Degree of Doctor of Medicine and Master of Surgery shall be thirty dollars, to be paid by the successful candidate immediately after examination, together with a Registration fee of one dollar.

### EXAMINATIONS.

In each class a weekly examination is held to test the progress of the Student; and in addition two or three written examinations are given throughout the Session.

The examinations at the close of each Session are arranged as follows:

1st Year.

Pass Examination in HISTOLOGY and BOTANY.

Sessional Examination in ANATOMY, CHEMISTRY and PHYSIOLOGY.

Marks will be allowed for the Sessional Examination which count in the Pass Examination of the following year.

#### 2nd Year.

Pass Examination in ANATOMY, CHEMISTRY, PRACTICAL CHEMISTRY and Physiology.

Sessional Examination in Materia Medica and Therapeutics.

Marks will be allowed for the Sessional Examination which count in the Pass Examination of the following year.

## 3rd Year.

Pass Examination in Materia Medica and Therapeutics, Medical Jurisprudence, Hygiene and Pathology.

## 4th Year.

Pass Examination in Medicine, Surgery, Obstetrics, Clinical Medicine, Clinical Surgery.

By means of the above arrangement a certain definite amount of work must be accomplished in each year, and an equitable division is made between the Primary and Final branches.

With regard to the Primary Examination at the end of the 2nd Year, it remains optional with the Student whether he passes in all the branches or leaves two for the 3rd Year. In any case, Chemistry and one other must be taken at the close of the 2nd Year.

#### VI.

#### MEDALS AND PRIZES.

1st. The Holmes Gold Medal, awarded to the Student of the graduating class who receives the highest aggregate number of marks for the best examinations, written and oral, in both Primary and Final Branches.

The Student who gains the Holmes Medal has the option of exchanging it for a Bronze Medal, and the money equivalent of the Gold Medal.

2nd. A Prize in books awarded for the best examination, written and oral, in the Final Branches. The gold medalist is not permitted to compete for this prize.

3rd. A Prize in books awarded for the best examination, written and oral, in the Primary Branches.

4th. The Sutherland Gold Medal, awarded for the best examination in Theoretical and Practical Chemistry, together with creditable examination in the Primary Branches.

5th. A Prize in books for the best examination in Practical Anatomy.

Prizes in Botany.

A Prize in books for the best examination.

\*A Prize of \$20 for the best named collection of Canadi an plants

#### VII.

#### FEES.

Distributed according to years, the class fees are as follows:

Anatomy	\$12	00
Physiology	12	00
Histology	6	00
Chemistry	12	00
Practical Anatomy	12	00
Botany	5	00
Dissecting Material	-	00
Enregistration	-	00
Diregistration		
Total	\$69	00

<sup>\*</sup> This Prize is open to both Medical and Arts Students. The plants entered in competition must be deposited in the Museum Collection.

# SECOND YEAR.

	\$12 00
Amstamy	
Descriped Anatomy	12 00
Physiology	12 00
Chamistry	12 00
Description Chemistry	12 00
Mataria Medica	12 00
Uvriena	6 00
Dissecting Material	5 00
Enregistration	5 00
The second secon	\$88 00
THIRD YEAR.	400 00
THIRD TEAK.	
Medicine	\$12 00
Materia Medica	12 00
Clinical Medicine	12 00
Surgery	12 00
Clinical Surgery	12 00
Midwifery and Gynæcology	12 00
Midwifery and Gynacology	10 00
Pathology	10 00
Enregistration	5 00
Enregistration	
Total	\$97 00
10tal	
FOURTH YEAR.	
Medicine	12 00
Surgery	12 00
Clinical Medicine	12 00
Clinical Surgery	12 00
Midwifery and Gynæcology	12 00
Enregistration	5 00
	THE RESERVE OF THE PARTY OF THE
	\$65 00
HOSPITAL FEES.	
the second secon	. \$20 00
Montreal General Hospital, Perpetual Ticket	Free
University Dispensary	. 1100
University Maternity	
	\$28 00
	\$30 00
Graduation Fee	430 00

It is to be understood that a Student wishing to take any other class than those of his year can do so on payment of the class fee.

Fees are payable in advance, to the Registrar, at the time of enregistration.

#### VIII.

#### TEXT BOOKS.

#### Prices current in Montreal.

Anatomy.—Gray, \$6; Wilson, \$4; Quain (Eng. Ed.) \$9.75.

PRACTICAL ANATOMY.—Heath's Dissector, \$4.50; Ellis' Dissector, \$4.25; Holden's Dissector, \$5.00; and Landmarks, \$1.00.

CHEMISTRY.—Fownes, \$2.25; Miller, \$1.00; Roscoe, \$1.20.

PRACTICAL CHEMISTRY.—Odling, \$1.75; Galloway, Fresenius, \$5.00.

MATERIA MEDICA and THERAPEUTICS.—Wood, \$6.00; Lauder Brunton, \$5.00; Scoresby Jackson, \$3.75; Whitla, \$3.50.

Physiology.—Huxley's *Elementary Lessons*, \$1.35; with either Dalton (7th Edit. \$5.00); Kirke, \$4.25 or Foster (Am. Edit., \$3.25), Yeo.

PATHOLOGY.—Virchow on Post-Mortems, \$1.00; Green, \$2.50.

HISTOLOGY.—Klein's Elements, \$1.50.

Surgery—Holmes' Surgery, (Eng. Ed.) \$9.00; Erichsen, \$8.50; Druitt, \$4.00; Bryant, \$6.50.

PRACTICE OF MEDICINE.—Flint, \$5.50; Roberts, \$5.00; Bristowe, \$5.00; DaCosta, \$6.00.

MEDICAL JURISPRUDENCE.—Husband, \$3.25; Guy and Ferrier, \$3.75.

MIDWIFERY.—Lusk, \$5.00; Playfair, \$4.00; or Leishman, \$4.50.

GYNÆCOLOGY.—Edis, \$3.00; Goodell's Lessons, \$4.00; Hart and Barbour's Manual, \$7.50.

Hygiene.—Parks, \$5.50; Wilson (Eng. Ed.) \$3.25.

# IX. MUSEUM.

Most of the usual Pathological Specimens are collected here, obtained from Hospital and private practice. They are largely used in illustrating the lectures on Medicine and Surgery. There are also wax and papier-maché models.

During the past few years numerous and extremely important

additions have been made to the Medical Museum.

It is particularly rich in specimens of Aneurisms. In addition to containing a large number of the more common varieties of these formations, there are specimens of such rare conditions as Aneurism of the Hepatic and Superior Mesenteric Arteries, Traumatic Aneurism of the Vertebral, together with several of the cerebral and pulmonary arteries. The most important collection probably in existence of hearts affected with "Malignant Endocarditis" are also found. The Faculty are indebted to Prof. Osler, late of this University, this collection.

Specimens representing morbid alterations of the liver included Cirrhosis (a beautiful specimen of the Hypertrophic form, weighing ½ lbs.), Hydatids, Cancer, Abscess, Suppurative Hepatitis following Aneurism of the Hepatic Artery. This Section also contains a large number of Biliary Calculi.

Intestines and Peritoneum.—Specimens illustrating the Morbid Anatomy of Typhoid Fever, Tropical Dysentery, Ulceration, and

Malignant Disease.

Kidneys.—Besides the various forms of Bright's Disease, there are a number of specimens of Surgical and Cystic Kidneys, together with two specimens of Myelo-Sarcoma. A fine collection of Urinary Calculi, made by Dr. Fenwick, is also the property of the Museum.

Bones and Joints.—Specimens illustrating the various injuries and diseases of the Bones and Joints.

Nervous System.—In this section are included a most beautiful collection of Brains prepared by Dr. Osler after the method of Giacomini. Besides those illustrating pathological defect, there are specimens of the brains of horse, cow, dog, cat, pigeon, goose, lion, bear, seal, &c. The Museum also contains a small collection of human abnormalities made by Dr. Shepherd during the time he was Demonstrator of Anatomy.

X.

#### LIBRARY.

The Library of the Medical Faculty now comprises between nine and ten thousand volumes, the largest special library connected with any medical school on the continent.

The standard text-books and works of reference, together with complete files of the leading periodicals, are on the snelves. Students may obtain books on making a deposit of \$5.00, which is refunded on returning the volumes.

XI.

#### McGILL MEDICAL SOCIETY.

This Society, composed of enregistered Students of the Faculty meets once a week during the Summer Session, and fortnightly during the Winter, for the reading of papers and the discussion of medical subjects. It is presided over by a physician chosen by the members.

A reading room has been established in connection with the Society, in which the leading English and American Medical Journals are on file.

XII.

#### COST OF LIVING, &c.

This will, of course, vary with the tastes and habits of the Student, but the necessary expenses need not exceed those in smaller towns. Good Board may be obtained from \$15 to \$20 per month. A list of Boarding-houses is prepared annually by the Secretary of the University, and may be procured from the Janitor at the Medical College.

XIII.

#### HOSPITALS.

#### MONTREAL GENERAL HOSPITAL.

The Montreal General Hospital is the most extensive clinical field in the Dominion. A much larger number of in-door and out-door patients receive treatment there than in any other Canadian Hospital. Last year's report shows that 2347 Medical and Surgical

cases were treated in the wards, and the great proportion of these were acute cases, as may be gathered from the fact that the average duration of residence was only 23.6 days.

The large number of out-door patients that are treated in the Hospital—averaging from sixty to seventy daily—supply illustrations of most of the diseases of infants and children, of very many of the eye and skin, and of those chronic and ill-defined ailments which, as they do not require admission to the wards of a hospital, would not otherwise come under the observation of the Student.

The large number of patients affected with diseases of the eye and ear, now attending the out-door department, will afford Students ample opportunity to become familiar with all the ordinary affections of those organs, and to make themselves proficient in the use of the ophthalmoscope, and it is hoped that every student will thus seek to gain a practical knowledge of this important branch of Medicine and Surgery. Operations are performed on the eye by Dr. Buller, after the out-door patients have been seen, and Students are invited to attend the same, and, as far as practicable, to keep such cases under observation so long as they remain in the Hospital.

The shipping contributes many examples of accidents and surgical cases.

CLINICAL CLERKS to both medical and surgical wards are appointed every three months, and each one during his term of service conducts, under the immediate directions of the Clinical Professors, the reporting of all cases in the ward allotted him. The holding of one of these offices is found to be of the greatest possible advantage to Students, as affording a true *practical* training for his future professional life. They will be awarded on application at the end of each Session to final Students of that year, in order of their standing in the primary examination.

Dressers are also appointed to the Surgical wards and to the Out-door Department. For these appointments application is to be made to the Professor of Clinical Surgery, and to the Out-door attending Physicians and Surgeons.

The Operating Room (used also for a lecture room) is so constructed as to enable the Students to obtain a good view of the operations.

### MONTREAL DISPENSARY.

### ST. ANTOINE STREET.

Over 10,000 patients yearly are treated at this Institution. The cases are of great variety, comprising a large number of pulmonary affections and children's diseases. Minor operations are of daily occurrence, and excellent practice is afforded in the application of splints and bandages. The attending Physicians furnish Students with all possible facilities. The hours of attendance are from 12-2 daily.

### UNIVERSITY MATERNITY HOSPITAL.

This is under the direction of the Professor of Midwifery. Students who have already attended one course of his lectures are furnished with cases in rotation; they are advised to attend this Institution as much as possible during the summer, when, since there are as many patients and not so many pupils as in winter, a larger proportion of cases falls to the share of each.

### UNIVERSITY DISPENSARY.

This Dispensary was established two years ago for special clinical instruction in Diseases of Women; and special clinics have been established at the same place, for Diseases of Children, Diseases of the Skin, and for Diseases of the Nervous System.

Diseases of Women.—The difficulty of affording to Senior Students practical instruction in gynæcology is felt in most schools, as women will not present themselves for examination before a large class of men. The plan followed for the past five years with marked success has been the limitation of the number of Students to two or three, who, in rotation, assist at the examinations, and receive instruction in the diagnosis and treatment of uterine diseases and the use of gynæcological instruments. The attendance is on Tuesdays, Thursdays and Saturdays, 3 p.m.

Diseases of Children.—The clinic is on Tuesdays, Thursdays and Saturdays at 1 p.m., when the patients are seen and instruction given on the cases.

Diseases of the Skin.—The Surgeon in charge will attend every Friday at 2 p.m. Arrangements will be made whereby a limited number of students can be present on each occasion.

Diseases of the Nervous System.—The Physician in charge will attend every Monday and Friday at 11 a.m. Students will have an opportunity in this clinic of seeing and examining many of those obscure and chronic diseases of the brain and spinal cord which are now attracting so much attention in the medical world.

### XIV.

## STUDENTS' APPOINTMENTS.

Resident Medical Officers Montreal General Hospital, 3 annually April 10.

Out-door Dressers.

Dressers in Eye and Ear Department.

Surgical Dressers (In-door).

Medical Clinical Clerks.

Post-mortem Clerks.

Clinical Clerk, Gynæcology.

- " Diseases of Children.
- " Dermatology.
- " Diseases of Nervous System.

Obstetrics.

Student Demonstrators of Anatomy, 4 3rd-year students.

Prosectors to Chair of Anatomy, 2.

Assistants in Practical Histology Course, 2.

Assistants in Practical Physiology Course, 4.

Assistants in Practical Chemistry, 2.

### XV.

## RULES FOR STUDENTS

- t. In the case of disorderly conduct, any Student may, at the discretion of the Professor, be required to leave the Class-room. Persistence in any offence against discipline after admonition by the Professor shall be reported to the Dean of Faculty. The Dean may, at his discretion, reprimand the Student, or refer the matter to the Faculty at its next meeting, and may in the interval suspend from Classes.
- 2. Absence from any number of lectures can only be excused by necessity or duty, of which proof must be given, when called for, to the Faculty. The number of times of absence, from necessity or duty, that shall disqualify for the keeping of a Session shall in each case be determined by the Faculty.
- 3. While in the College Students are expected to conduct themselves in the same orderly manner as in the Class-room.
- 4. When Students are brought before the Faculty under the above rules, the Faculty may reprimand, impose fines, disqualify from competing for prizes and honors, suspend from Classes, or report to the Corporation for expulsion.

### XVI.

### PAST SESSION.

The total number of students enregistered in this Faculty during the past year was 234, of whom there were, from—

Ontario,	126	P. E. Island,	3
Quebec,	58	Newfoundland,	3
N. Brunswick,	20	West Indies,	2
Nova Scotia,	II	British Columbia,	I
United States,	8	Manitoba,	I
According to	Ireland,	I	

The following gentlemen, 46 in number, have passed their Primary Examination on the following subjects: Anatomy, Practical Anatomy, Chemistry, Practical Chemistry, Materia Medica and Therapeutics, Physiology, Histology and Botany.

	. Ayımer, Q.
Aylen, P	. Montreal, Q.
Paggs G W	. Wolfville, N.S.
Boone, S. W	. Fledericton, 1
Campbell, A. W	.Ingersoll, O.
Carter L. H	. Picton, O.
Cattanach, W	Glen Water, O.
Cowie Alex MacD	Montreal, Q.
DeCow, D. McG	Dresden, O.
Dozé Henri	Montical, Q.
Dickson I A	Trenholmville, Q.
Forl F H	Port Hope, U.
Ellis, W. E	St. Catharines, O.
Evens F I	Seaforth, U.
Ferguson W. D	Cumberland, O.
Fillmore E. W	Bale verte, N. D.
Floor I D	Morrisburg, O.
Frager I M	Hawkesbury, O.
Gardner, A. W	Cornwall, O.
Heartschell W C.	Pembroke, O.
Hall Wm	Walkerton, O.
Hamer A I.	Bradford, U.
Haythorne T. I	Charlottetown, P.E.I.
Tohnson, I. W	Vankleek Hill, O.
Kelly, J. A. A	Durham, O.
Kennedy, R. A., B.A	Ottawa, O.
Kennedy, R. A., B.A	Ottawa, O.
Kennedy, R. A., B.A.  Kirkpatrick, R. C., B.A.	Montreal, Q Montreal, Q.
Kennedy, R. A., B.A.  Kirkpatrick, R. C., B.A.  Lafleur, H. A., B.A.  Leslie, A. C.	Ottawa, O Montreal, Q Montreal, Q Watson's Corners, O.
Kennedy, R. A., B.A.  Kirkpatrick, R. C., B.A.  Lafleur, H. A., B.A.  Leslie, A. C.	Ottawa, O Montreal, Q Montreal, Q Watson's Corners, O Stirling, O.
Kennedy, R. A., B.A.  Kirkpatrick, R. C., B.A.  Lafleur, H. A., B.A.  Leslie, A. C.  Loucks, W. F.  McDonald, D. D.	Ottawa, O Montreal, Q Montreal, Q Watson's Corners, O Stirling, O North Lancaster, O.
Kennedy, R. A., B.A. Kirkpatrick, R. C., B.A. Lafleur, H. A., B.A. Leslie, A. C. Loucks, W. F. McDonald, D. D. McMillan, G. A	Ottawa, O Montreal, Q Montreal, Q Watson's Corners, O Stirling, O North Lancaster, O Dundee Centre, Q.
Kennedy, R. A., B.A. Kirkpatrick, R. C., B.A. Lafleur, H. A., B.A. Leslie, A. C. Loucks, W. F. McDonald, D. D. McMillan, G. A. Moyran V. H.	Ottawa, O Montreal, Q Montreal, Q Watson's Corners, O Stirling, O North Lancaster, O Dundee Centre, Q Aultsville, O.
Kennedy, R. A., B.A. Kirkpatrick, R. C., B.A. Lafleur, H. A., B.A. Leslie, A. C. Loucks, W. F. McDonald, D. D. McMillan, G. A. Morgan V. H. Norman, T. J.	Ottawa, O Montreal, Q Montreal, Q Watson's Corners, O Stirling, O North Lancaster, O Dundee Centre, Q Aultsville, O Schomberg, O.
Kennedy, R. A., B.A. Kirkpatrick, R. C., B.A. Lafleur, H. A., B.A. Leslie, A. C. Loucks, W. F. McDonald, D. D. McMillan, G. A. Morgan V. H. Norman, T. J. Pomerov, L. E. M.	Ottawa, O Montreal, Q Montreal, Q Watson's Corners, O Stirling, O North Lancaster, O Dundee Centre, Q Aultsville, O Schomberg, O Tweed, O.
Kennedy, R. A., B.A. Kirkpatrick, R. C., B.A. Lafleur, H. A., B.A. Leslie, A. C. Loucks, W. F. McDonald, D. D. McMillan, G. A. Morgan V. H. Norman, T. J. Pomeroy, L. E. M.	Ottawa, O Montreal, Q Montreal, Q Watson's Corners, O Stirling, O North Lancaster, O Dundee Centre, Q Aultsville, O Schomberg, O Tweed, O Wakefield, Q.
Kennedy, R. A., B.A. Kirkpatrick, R. C., B.A. Lafleur, H. A., B.A. Leslie, A. C. Loucks, W. F. McDonald, D. D. McMillan, G. A. Morgan V. H. Norman, T. J. Pomeroy, L. E. M. Poole, A. Reagely, E.	Ottawa, O Montreal, Q Montreal, Q Watson's Corners, O Stirling, O North Lancaster, O Dundee Centre, Q Aultsville, O Schomberg, O Tweed, O Wakefield, Q Port Robinson, O.
Kennedy, R. A., B.A. Kirkpatrick, R. C., B.A. Lafleur, H. A., B.A. Leslie, A. C. Loucks, W. F. McDonald, D. D. McMillan, G. A. Morgan V. H. Norman, T. J. Pomeroy, L. E. M. Poole, A. Reavely, E. Richardson, G. C.	Ottawa, O Montreal, Q Montreal, Q Watson's Corners, O Stirling, O North Lancaster, O Dundee Centre, Q Aultsville, O Schomberg, O Tweed, O Wakefield, Q Port Robinson, O South March, O
Kennedy, R. A., B.A. Kirkpatrick, R. C., B.A. Lafleur, H. A., B.A. Leslie, A. C. Loucks, W. F. McDonald, D. D. McMillan, G. A. Morgan V. H. Norman, T. J. Pomeroy, L. E. M. Poole, A. Reavely, E. Richardson, G. C. Ross, D. L.	Ottawa, O Montreal, Q Montreal, Q Watson's Corners, O Stirling, O North Lancaster, O Dundee Centre, Q Aultsville, O Schomberg, O Tweed, O Wakefield, Q Port Robinson, O South March, O Winthrop, O.
Kennedy, R. A., B.A. Kirkpatrick, R. C., B.A. Lafleur, H. A., B.A. Leslie, A. C. Loucks, W. F. McDonald, D. D. McMillan, G. A. Morgan V. H. Norman, T. J. Pomeroy, L. E. M. Poole, A. Reavely, E. Richardson, G. C. Ross, D. L. Ross, L. F., B.A.	Ottawa, O Montreal, Q Montreal, Q Watson's Corners, O Stirling, O North Lancaster, O Dundee Centre, Q Aultsville, O Schomberg, O Tweed, O Wakefield, Q Port Robinson, O South March, O Winthrop, O Montreal, Q.
Kennedy, R. A., B.A. Kirkpatrick, R. C., B.A. Lafleur, H. A., B.A. Leslie, A. C. Loucks, W. F. McDonald, D. D. McMillan, G. A. Morgan V. H. Norman, T. J. Pomeroy, L. E. M. Poole, A. Reavely, E. Richardson, G. C. Ross, D. L. Ross, L. F., B.A. Scully, D. J.	Ottawa, O Montreal, Q Montreal, Q Watson's Corners, O Stirling, O North Lancaster, O Dundee Centre, Q Aultsville, O Schomberg, O Tweed, O Wakefield, Q Port Robinson, O South March, O Winthrop, O Montreal, Q Lindsay, O.
Kennedy, R. A., B.A. Kirkpatrick, R. C., B.A. Lafleur, H. A., B.A. Leslie, A. C. Loucks, W. F. McDonald, D. D. McMillan, G. A. Morgan V. H. Norman, T. J. Pomeroy, L. E. M. Poole, A. Reavely, E. Richardson, G. C. Ross, D. L. Ross, L. F., B.A. Scully, D. J. Sinclair. D.	Ottawa, O Montreal, Q Montreal, Q Watson's Corners, O Stirling, O North Lancaster, O Dundee Centre, Q Aultsville, O Schomberg, O Tweed, O Wakefield, Q Port Robinson, O South March, O Winthrop, O Montreal, Q Lindsay, O Guildes, O.
Kennedy, R. A., B.A. Kirkpatrick, R. C., B.A. Lafleur, H. A., B.A. Leslie, A. C. Loucks, W. F. McDonald, D. D. McMillan, G. A. Morgan V. H. Norman, T. J. Pomeroy, L. E. M. Poole, A. Reavely, E. Richardson, G. C. Ross, D. L. Ross, L. F., B.A. Scully, D. J. Sinclair, D. Stephen, G. C.	Ottawa, O Montreal, Q Montreal, Q Watson's Corners, O Stirling, O North Lancaster, O Dundee Centre, Q Aultsville, O Schomberg, O Tweed, O Wakefield, Q Port Robinson, O South March, O Winthrop, O Montreal, Q Lindsay, O Guildes, O Montreal, Q.
Kennedy, R. A., B.A. Kirkpatrick, R. C., B.A. Lafleur, H. A., B.A. Leslie, A. C. Loucks, W. F. McDonald, D. D. McMillan, G. A. Morgan V. H. Norman, T. J. Pomeroy, L. E. M. Poole, A. Reavely, E. Richardson, G. C. Ross, D. L. Ross, L. F., B.A. Scully, D. J.	Ottawa, O Montreal, Q Montreal, Q Watson's Corners, O Stirling, O North Lancaster, O Dundee Centre, Q Aultsville, O Schomberg, O Tweed, O Wakefield, Q Port Robinson, O South March, O Winthrop, O Montreal, Q Lindsay, O Guildes, O Montreal, Q.

Williams, E.	P	Ottawa, O.
Williams, J.	F	Barrie, O.
Young, A. A.		Barton, Vt.

The following gentlemen, 34 in number, have fulfilled all the requirements to entitle them to the degree of M.D., C.M. from the University. In addition to the Primary subjects mentioned they have passed a satisfactory examination, both written and oral, on the following subjects. Principles and Practice of Surgery, Theory and Practice of Medicine, Obstetrics and Diseases of Women and Children, Medical Jurisprudence, Pathology and Hygiene,—and also Clinical Examinations in Medicine and Surgery conducted at the bedside in the Hospital:

Arthur, R. H	. Brighton, O.
Allan, J. H. B	Montreal, O.
Baird, T. A	Chesterfield, O.
Burrows, F. N	.Drayton, O.
Cassidy, Geo. A	.Goldstone, O.
Daly, Walter S	. Ogdensburg, U. S
Corson, Douglass	Woodstock, O.
Darey, J. H	Montreal O.
Dazé, Henri	. Montreal O
Doherty, W. W	Kingston, N B
Elder, John	. Huntingdon, O.
Eberts, D. W	. Chatham. O.
Finlay, F. G	. Montreal. O.
Harkin, F. McD	.Vankleek Hill. O.
Hallett, E. O	. Truro. N. S.
Hurdman, H. T	Avlmer. O.
Gustin, Smith	London, O.
Hanna, A. E	. Harlem. O.
Hawkins, A. C	. Halifax, N. S.
Irvine, R. T	Carp. O.
Johnson, H. D	. Charlottetown, P.E.I.
Klock, W. H	.Avlmer. O.
McMeekin, J. W	
McGannon, M. C	. Prescott. O.
McCormack, N	
McDonald, H. J	
McMillan, D. L	Alexandria, O.
Powell, F. H	

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G. F.	Ottawa, O.
Palmer, G. F	Brockville, O.
A M	
Shibley, J. L. Wishart, D. G.	Madoc, O.
T A T/	0 0 0 0 717 0017 0 0 0 0
Willson, J. A. K	Londesboro, O.
Wood, Edwin Geo	

The following have passed in Anatomy and Practical Anatomy

Easton, C. L. Mackinnon, H.

# The following have passed in Chemistry:

Aborn, W. H. Bradley, W. J. Berry, J. A. Bell, J. H. Boyd, Jay Bowen, Wm., Chalmers, W. W.	Davis, A. H. Edgar, C. J. Ferguson, J. A. Fritz, N. W. Kenny, F. L. Kincaid, Lewis, G. T. Lafferty, A. M.	McKinnon, H. McDonald, A. D. Porthier, C. J. Porter, J. H. Parker, W. D. Quance, S. H. Woodruff, T. N. Young, H. E.
Christie, Wm.		

# The following have passed in Practical Chemistry:

Aborn, W. H. Berry, J. A, Boyd, J. A. Y. Bradley, W. J. Cameron, J. J.	Davis, A. H. Fritz, H. D. Kincaid, R. J. Kenny, F. L. Lewis, G. T.	Parker, W. D. Pothier, J. C. Quance, S. H. Young, H. E. Woodruff, T. A.
Cameron, J. J. Christie, W.	McDonald, A. D.	Character M. Commission

# The following have passed in Materia Medica:

Aborn, W. H. Bowen, Wm. Boyd, Jay Brunette, J. T. Christie, Wm. Davis, A. H.	Easton, C. L. Edgar, C. J. Lafferty, A. M. Grant, A. S. McKinnon, H. McDonald, A. L.	McDonald, A. D. Porter, J. H. Parker, W. D. Porthier, C. J. Woodruff, T. N.
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# The following have passed in Physiology:

Aborn, W. H.	Easton, C. L.	McDonald, A. D.
Bowen, Wm. Boyd, Jay Cameron, K. Christie, Wm.	Edgar, C. J. Hall, A. G. Lafferty, A. M. McDonald, A. L. Woodruff, T. N.	Porter, J. H. Parker, W. D. Porthier, C. J. Wilkins, H. P.

# The following have passed in Medical Jurisprudence:

Birkett, H. S. Hawkins, A. C. Clark, J. L. Hughes, P. H. Craig, M. A. Kinloch, J. A. Crockett, W. C. McCollum, E. P. DeCow, D. McG. McCuaig, A. J. Duffett, J. L. McDiarmid, G. A. Earl, E. M. McGannon, T. G. Elder, J. McKay, J. M. Gairdner, T. M. Morgan, V. H. Gibson, J. H. Orton, F. H. Gladman, G. J. Poole, A. Graham, J. Pringle, W. R. Grant, J. H. Y. Raymond, A.

Raymond, G. H.
Robertson, F. D.
Rowat, W. M.
Schmidt, A. F.
Schmidt, A. J.
Seery, F. J.
Turnbull, A.
White, F. J.
White, W. W.

Wilkins, H. P.

Williams, J. F.

Wilson, C. W.

Wishart, D. J.

Worthington, A. H.

Grant, J. H. Y.

## The following have passed in Hygiene:

Aylen, P. Birkett, H. S. Christie, Wm. Clarke, J. L. Cowie, Alex. MacD. Crockett, W. C. Cunningham, H. C. Duffett, J. L. DeCow, D. McG. Earl, E. H. Evans, W. H. Fillimore, E. W. Gairdner, T. M. Gardner, A. W. Graham, J. Gibson, J. B. Gladman, G. J. Graham,

Hawkins, A. C. Hamer, A. L. Haythorne, T. J. Hughes, P. H. Kennedy, R. A. Kinloch, J. A. Kirkpatrick, R. C. McQuaig, W. J. McDiarmid, Geo. McDonald, A. D. McDonald, A. L. McDonald, D. D. McCollum, E. P. McGannon, T. G. McKay, J. McKay, Eugene McMillan, G. A. Worthington, A.

Morgan, V. H. Orton, T. A. Poole, A. Pringle, W. R. Raymond, Alf. Reavely, E. Rowatt, W. M. L. Robertson, F. D. Ross, L. F. Schmidt, A. J. Schmidt, A. F. Seery, F. J. Turnbull, A. Williams, J. F. Wilkins, H. P. Wilson, C. W. White, F. J. White, W. W.

# The following have passed in Pathology:

Birkett, H. S.
Boggs, G. W.
Clarke, J. L.
Crockett, W. C.
DeCow, D. McG.
Duffett, J. L.

Kennedy, R. A. Kinloch, J. A. Kirkpatrick, R. C. Morgan, V. H, McCallum, E. P. McKay, J. M.

Ross, L. F.
Raymond, G. H.
Raymond, Alf.
Robertson, F. D.
Schmidt, A. F.
Schmidt, A. J.

Elder, J. Earl, E. H. Gairdner, T. M. Gibson, J. B., Gladman, G. J. Grant, J. H. Y. Graham, J. Hawkins, A. C. Hughes, P. H.	McCuaig, W. J. McGannon, T. G. McMillan, G. A. McKay, Eugene McDiarmid, G. A. Orton, T. A. Poole, A. Pringle, W. R. Rowatt, W. M.	Seery, F. J. Turnbull, A. Wishart, D. J. White, F. J. White, W. W. Wilson, C. W. Williams, J. F. Worthington, A. Wilkins, H. P.
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# The following have passed in Physics:

****	47 '11 T	Morrow, C.
Baer, D. E.	Hewitt, J.	Mowat, M.
Bell, J. H.	Hoare, H. C.	
Bradley, J. W.	Horner, A. S.	Orr, J. E.
	Irwin, W. J.	Orr, A. E.
Bowen, W.	Kennedy, J. H.	Parker, W. D.
Berry, R. P.	Kenney, F. L.	Park, P. C.
Clouston, J. R.		Pomeroy, L. E. M.
Castleman, L.	Kincaid, R. J.	Porter,
Chalmers, W. W.	Kincard, R. W.	
Conroy, C. P.	Kendell, H. E.	Potts, J.
	Knapy, H. D.	Pothier, C. J.
Deacon, S. D.	Kirkpatrick, R. J.	Quance, S. H.
Davis, A. H.	Lewis, G. T.	Robertson, H. E.
Dickson, A.		Rowatt, A. R.
Dearden, J. D.	Loucks, F.	Stewart, A. D.
Desmond, F.J.	Lang, W. M.	Springle, J. A.
Evans, W. H.	Lafferty, A.	
	McLennan, D.	Shepperd, A. A.
Fritz, H. D.	McFarlane, M.	Telfer, W. J.
Ferguson, J. A.	McDonnell, A. E. J.	Thompson, J. W.
Gunn, D. T.		Vernier, H.
Girdwood, G. W. T.	McKinnon, H.	Wilde, H.
Green, D. T.	McCarthy, J. J.	Woodruff, T. A.
Goodwin, W. W.	McKay, H. H.	
Hopkins, H. J.	McKinnon, H.	Wesley, R. A.
	Metcalfe, F. J.	Whitmore, F. H.
Hubbard, O. H.	Miller, J. T.	Young, H. E.
Hubert, P. J. H.	Miller, J. 2.	

# The following have passed in Botany:

- T D	MacLennan, D
Clouston, J. R	Kirkpatrick, E. A
Kincaid, R. M	Hewitt, J
Baer, D. C	Lang, C. H
Orr, A. E	Greene, H. D
Hubbard, O. H	Greene, H. D
Orr, J. E	Park, R. C
Kennedy, J. H	Hoare, C. W
Kennedy, I. II	

Mackay, H. H	Weagan, A. A
Deacon, J. D	Conroy, C. P
Hopkins, W. J	Stewart, A. D
Thompson, J. H	McFarlane, M
Lewis, G. T	Girdwood, G. W
Lafferty, A. M	Robertson, A. G
Westley, R. A	Dyer, R. C
Berry, R	Shepherd, R. A
Westmore, F. H	Goodwin, W. W
Desmond, F. J	Potts, J. M
Castleman, L	Springle, J. A
Morrow, C	Irwin, W. T
Kerr, N	McMartin, D. R
Mackinnon, G. W	

## The following have passed in Histology:

0	0.	
Aborn, W. H.	Hubbard, O. H.	McKinnon, G. W.
Baer, D. C.	Hewitt, J.	McCarthy, J. G.
Berry, A. P.	Irwin, W. T.	Orr, A. E.
Bradley, W. J.	Kerr, N.	Orr, J. E.
Cameron, K.	Kennedy, J. H.	Park, J. C.
Castlemann, A. L.	Kendall, H. E.	Potts, J.
Conroy, C. P.	Kincaid, R. J.	Pothier, C. J.
Davis, A. W.	Kincaid, P. M.	Porter, J. A.
Deacon, J. D.	Kirkpatrick, E. A.	Quance, S. H.
Dennis, G. T.	Kenny, F. L.	Reavely, E.
Desmond, F. T.	Lafferty, A. M.	Robertson, A. G.
Easton, C. L.	Lang, Wm. M.	Springle, J. A.
Eleard, J.	Long, H.	Stewart, A. D.
Fritz, N. W.	Moffatt, M.	Shepherd, R.A.
Gunn, N. D.	Murray, W. N.	Telfer, W. J.
Goodwin, W. W.	Morrow, C.	Thompson, J. W.
Hopkins, H. T.	McDougall, D. T.	Vernier, H.
Holden,	McFarlane, M.	Wylde, C. F.
Hubert, P. T.	McLennan, D.	Wesley, R. A.
Hamilton, A.	McKay, H. H.	Whitmore, F. H.
Hawkins, A. C.	McMartin, D. R.	Young, E.

## MEDALS, PRIZES AND HONOURS.

THE HOLMES GOLD MEDAL FOR THE BEST EXAMINATION IN THE PRIMARY AND FINAL BRANCHES is awarded to Edwin G. Wood of Londesborough, Ont.

THE PRIZE FOR THE BEST FINAL EXAMINATION is awarded to Smith Gustin, London, Ont.

THE PRIZE FOR THE BEST PRIMARY EXAMINATION is awarded Ed. J. Evans, Seaforth, Ont.

THE SUTHERLAND GOLD MEDAL is awarded to H. A. Lafleur, B.A., Montreal.

The following gentlemen, arranged in order of merit, deserve honourable mention:

In Primary Examination, H. A. Lafleur, B.A., J. A. A. Kelly, D. L. Ross, E. H. P. Blackader, R. A. Kennedy, B.A., L. F. Ross, B.A., T. J. Haythorne, B.A., R. C. Kirkpatrick, B.A., Wm. Hall and J. M. Fraser.

In the Final Examination, F. G. Finlay, H. T. Hurdmann, M. C. McGannon, T. A. D. Baird, John Elder, D. W. Eberts.

## PROFESSOR'S PRIZES.

BOTANY.-Prize, T. A. Clouston.

Practical Anatomy.—Demonstrator's Prizes: 2nd year, H.A. Lafleur, Montreal. 1st year, W. J. Bradley.

CLINICAL MEDICINE.—Junior Class: H. S. Birkett, Hamilton, Ont.

# faculty of Medicine.

SUMMER SESSION.

## 1885

The Tenth Summer Session of the Faculty of Medicine will begin on the 13th of April, and continue twelve weeks.

The Classes are chiefly practical and demonstrative, and are designed to supplement and extend the teaching of the regular Winter Session.

The records of qualifications of candidates for the degree show that nearly all the senior students now take either one or two Summer Sessions, and this is regarded by the Faculty as the best indication that the extension of its work in this direction meets a real want, and is duly appreciated.

During the past Session there was an attendance of 65 students, including several from other schools, who are received on the same terms, and have all the advantages of regular students.

The special advantages of attendance upon a Summer Session are:

- (1) The benefit derived from the practical and demonstrative classes.
- (2) Dresserships and Clinical Clerkships are more easily obtained at the Hospitals, and the student has more time at his disposal to follow up the cases.
- (3) Cases of Midwifery are obtained in greater number at the University Maternity Hospital.
- (4) Systematic study can be carried on more effectively than at home.
- (5) The compulsory courses on Hygiene, Medical Jurisprudence and Practical Chemistry can be attended.

The advantages offered by the City of Montreal for the practical study of Medicine and Surgery are unequalled in the Dominion.

In the wards of the General Hospital there is always-and more particularly in the summer months, when navigation is opened-a large collection of interesting medical and surgical cases. In the Out-door Department there is a daily attendance of between 60 and

70 patients, which affords excellent instruction in Minor Surgery, routine medical practice, and Diseases of Children. The Eye and Ear Department will afford to the student an opportunity for studying practically, under skilled direction, these important branches. At the University Dispensary there will be clinics on Gynæcology, on Diseases of Children, and on Diseases of the Skin, and of the Nervous System:

Dresserships and Clinical Clerkships may be obtained on application to the Attending Physicians and Surgeons.

The Faculty has much pleasure in announcing the following prospectus:-

# TICTION which will comprise

CLIN	ICAL INSTRUCTION, which will con	pprise:—
A.	Bedside Instruction—	Dr. Fenwick and Dr.
	SURGERY	Shepherd. Drs. Ross and Wilkins,
	MEDICINE	
B.	Weekly Clinics, in the Theatre of the	Ors. Fenwick, Roddick
	I.—GENERAL SURGERY	and Shepherd.  Drs. Ross, Wilkins and
	2.—GENERAL MEDICINE	R. L. MacDonner
	3.—VENEREAL DISEASES	Dr. Roddick. Dr. Gardner.
	4.—GYNÆCOLOGY	Dr. Buller.
	6.—DISEASES OF THE THROAT	Dr. Major.
-		
C.	Weekly Clinics, at the College on—  I.—DISEASES OF CHILDREN	Dr. Blackader.
	2.—DISEASES OF THE NERVOUS SYSTEM.	Dr. Stewart.
n	Out-patient Clinics—	
D.	At the General Hospital.	and stempest theorem
	DAILY.—The Out-door Physicians an	nd Surgeons.
	2. At the University Dispensary.	Dr. Gardner.
	Gynæcology (Tri-weekly) Diseases of Children, (Tri-weekly)	Dr. Blackader.
	Diseases of the Skin, weekly	Dr. Shepherd.
	Diseases of the Nervous System bi-weekly	. Dr. Stewart.
3.	At the Montreal Dispensary.	AND THE RESIDENCE TO THE
	GENERAL SURGERY	
	GENERAL MEDICINE.	The section of the section of
E	Clinical Instruction in Obstetrics—	

At the University Maternity Hospital,

I. THE MANAGEMENT OF CASES OF LABOR. Drs. Brown and C. E. Cameron. 2. THE AFTER-CARE OF CASES.

### II. PRACTICAL CLASSES-

\*I. Practical Chemistry.—Same as, and may be taken in lieu of, the Winter Course,

Girdwood Ruttan.

\*2. Operative Surgery.—A complete course of operations on the cadaver, including Amputations, Excisions, Ligations, &c. Dr. Shepherd. The students perform the operations in rotation. Fee, \$5.00.

3. Operative Ophthalmology.—This will consist in a series of demonstrations on Dr. Buller. the methods of performing the usual eye operations.

4. Anomalies of Refraction and Accommodation.—A course of four demonstrations, giving practical illustrations of the methods of recognising and treating these conditions.

5. Practical Ophthalmoscopy.—To consist of a series of demonstrations and practical exercises on the use of the Oph- Dr. Buller. thalmoscope.

6. Obstetrical Operations and Presentations.—A series of practical demonstrations.—Cameron. tions on the cadaver or phantom.

\*7. The Microscope in Medicine.—A course of twenty-four lessons. Microscopes, Reagents and Material provided. Fee, \$15.

Dr. Wilkins.

8. Laryngoscopy and Rhinoscopy. — A course of demonstrations and exercises in the use of the Laryngoscope and Rhinoscope.

Dr. Major.

9. Electro-Therapeutics. - Students will be practically trained in the method of using the different forms of electricity in the treatment of disease.

Dr. Stewart.

10. Applied Anatomy—Medical and Surgical. — Surface-marking, Brain and Spinal Cord, Larynx, Thorax, Abdomen, Genito-Urinary Organs, Surgical Dr. Suther!and. Spaces.

11. Morbid Anatomy.—Consisting of twenty demonstrations in the section-room of the General Hospital. Students will make the post-mortems in rotation, and Dr. R. J. B. Howard. receive instruction in the method of performing them, and keeping record of their observations.

12. Minor Surgery.—Including Bandaging,
Application of Splints, Hæmostatics,
Dr. R. J. B. Howard. Catheterism, Artificial Respiration, &c.

13. Clinical Chemistry.—A course of twelve demonstrations, designed to familiarise students with the more recent and approved methods of examining chemically abnormal secretions, morbid products, &c., at the bedside.

Dr. Ruttan.

## III. LECTURES-

I. Diseases of Children.—Anatomical and physiological peculiarities of infancy: its hygiene and dietetics; methods of examining children; peculiarities of symptoms, diseases of infancy and childhood, with their therapeutics.

Dr. Blackader.

\*2. Hygiene. - Lectures the same as, and may be taken in lieu of, the compulsory course in the winter Session. Fee, \$6.00. Examination at the end of the course.

Dr. R. L. MacConnell.

\*3. Medical Jurisprudence.—Same as, and | Dr. Wilkins. may be taken in lieu of, Winter Course.

(The Professor of Medical Jurisprudence has consented, for this year, to give a special course, for which \$5.00 must be paid in addition to the regular fee of \$10.00.)

All students desirous of attending the above courses are expected to register their names with the Registrar within one week after the beginning of the Session, and to pay a fee of \$20 (which includes registration fee). Enregistration and payment of the fee are compulsory upon all students, whether attending one or more of the classes.

\* The fee for this class is not included in the above fee of \$20 for the Summer Session.

The Time Table will be issued on April 10th. For further information apply to

> JAMES STEWART, M.D., Registrar, 667 Dorchester st., Montreal.

## SESSION 1884-85.

## STUDENTS IN MEDICINE.

Aborn, Wm. H., Goderich, O.

† Allan, J. H. B., Montreal, Q.

Armitage, J. H., Newmarket, O.

† Arthur, Robert H., Brighton, O.

Aylen, James P., Aylmer, Q.

Aylen, Peter, Aylmer, Q.

Baer, D. C., Summerfield, Ill., U.S.

Baird, T. A. D., Chesterfield, O.

Bayne, C. W., Ottawa, O.

Beaudry, John S., Montreal, Q.

Bell, J. H., Kars, O.

Bernett, James, Cote des Neiges, Q.

Berry, Richard P., Lindsay, O.

Berry, James A., Seely's Bay, O.

Birkett, H. S., Hamilton, O.

Blackader, E. H. P., Montreal, Q.

Boggs, G. W., Wolfville, N. S.

Boone, S. W., Fredericton, N.B.

Bowen, Wm., Quebec.

Boyd, Jay, Vankleek Hill, O.

Bradley, Wm. J., B. A., Ottawa, O.

Brunette, J. T., Cornwall, O.

†Burrows, Fred. N., Drayton, O.

Cameron, Kenneth, Montreal, Q.

Cameron, J. J., Lancaster, O.

†Cameron, D. A., Strathroy, O.

Castleman, L. A., East Williamsburg, O.

Cattanach, Walter, Glen Water, O.

Clarke, John L., Waterloo, Q.

Clory, C. P., Martintown, O.

†Carson, Douglas, Woo'stock, O.

Cow, W. F., Kingston, O.

Craig, Murdoch A., Glen Water, O.

Crocket, W. C., B.A., Fredericton, N.B.

†Daly, Walter S., B.A., Ogdensburg, N.Y.

†Darey, J. Herbert, B.A., Montreal, Q.

Davis, Albert H., Glen Buell, O.

†Daze, Henry, Montreal, Q.

Desmond, Francis J., Newcastle, N.B.

Dickson, James A., Montreal, Q.

Decom, John D., Pembroke, O.

†Decown, Douglass McG., Dresden, O.

Decomon, Francis J., Newcastle, N.B.

Dickson, James A., Montreal, Q.

Decacon, John D., Pembroke, O.

†Doherty, W. W., Kingston, N.B.

Duffett, John L., Leeds, Q.

Duclos, E. J. L., Montreal, Q.

Dyer, R. E., Montreal, Q.

Dearl, Edgar H., Port Hope, O.

Earl, Edgar H., Port Hope, O.

N MEDICINE.

†Eberts, Duncan W., Chatham, O. Edgar, Charles J., Napierville, Q. † Elder, John, B.A., Huntingdon, Q. Ellard, James, New Westminster, E.C. Ellis, Wm. E., St. Catharines, O. Evans, Wm. E., St. Catharines, O. Evans, Wm. E., St. Catharines, O. Evans, Wm. H., Montreal, Q. Ferguson, James A., Vankleek Hill, O. Ferguson, James A., Vankleek Hill, O. Ferguson, W. D. T., Cumberland, O. Fillmore, E. P., Baie Verte, N.B. †Finley, Fred. G., Montreal, Q. Flagg, J. D., Morrisburg, O. Flett, Alfred J., Winnipeg, Man. Fraser, J. M., Hawkesbury, O. Fritz, H. D., St. John, N.B. Gairdner, Thos. M., Bayfield, O. Gardner, Alex. W., Cornwall, O. Gibson, James B., Cowansville, Q. Girdwood, G. W. T., Montreal, Q. Gladman, Geo. J., Lindsay, O. Goodwin, W. W., Baie Verte, N.B. Graham, John, Carp, O. Grant, Andrew S., Laguerre, Q. Grant, G. C. J., Kingston, Jamaica. Grant, J. H. Y., Ottawa, O. Greer, J. E., Dublin, Ireland Groves, Wesley, Carp, O. Gustin, Smith, London, O. Haentschell, C. W., Pembroke, O. Hall, Andrew G., Franklin Centre, Q. Hall, William, Walkerton, O. Haentschell, C. W., Pembroke, O. Hall, William, Walkerton, O. Hamilton, Alex., Sutton, Q. Hank, A. E., Harlem, Q. Hankin, Fred. M., Vankleek Hill, O. † Harkin, Fred. M., Vankleek Hill, O. † Harkin, Fred. M., Vankleek Hill, O. † Harkin, Fred. M., Vankleek Hill, O. † Hawkins, A. C., Halifax, N.S. Haythorne, T. J., Charlottetown, P.E. I. Hewitt, James, Quebec. Hill, James Edgar, Montreal, Q. Holden, E. Def., St. Armand Centre. Hoare, C. W., Strathroy, O. Hopkins, H. J., Cookshire, Q. Hubbard, O. H., Gilsam, N.H., U.S. Hubbert, P. T. H., Harbor Breton, Nfld. Hughes, P. H., Strathroy, O. † Hurdman, Henry T., Aylmer, Q. † Irvine, R. T. Carp, O. Trwin, W. T., Pembroke, O. † Johnson, H. D., Charlottetown, P.E. I. Johnson, H. D., Montreal, Q. Kelly, J. A. A., Durham, O. Kemp, H. D., Montreal.

Kennedy, James H., Lindsay, O.
Kennedy, Robert B., Cumming's Bridge, O.
Kennedy, Robert B., Cumming's Bridge, O.
Kendall, H. E., Sydney, C.B.
Kenney, F. L., St. John, Nfid.
Kerr, Norman, Holyrood, O.
Kincaid, R. M., Clarenceville, O.
Kinloch, John A., Montreal, Q.
Kirkpatrick, Robert C., Montreal, Q.
Kirkpatrick, Robert C., Montreal, Q.
Kirkpatrick, Robert C., Montreal, Q.
Kirkpatrick, E. A., Kentville, N. S.
†Klock, W. H., Aylmer, Q.
Laffetty, A. M., Perth, O.
Lafleur, H. A., B.A, Montreal, Q.
Lang, M. W., St. Mary's, O.
Lewis, G. T., Yarmouth, N. S.
Leslie, A. C., Morrisburg, O.
Loug, C. H., Keswick Bridge, N.S.
Loucks, F., Stirling, O.
Mackay, Eugene, Ed., Papineauville, Q.
Mackay, Eugene, Ed., Papineauville, Q.
MacKay, Hector H., Plainfield, N.S.
McCollum, Ed. P., Duart, O.
Macdonald, Æneas J., Morrisburg, O.
McDiarmid, Geo, A., Dornoch, O.
McDonald, A. D., Wickham, N.B.
McDonald, A. D., Wickham, N.B.
McDonald, A. L., Glendonald, O.
† McCormack, Norman, Pembroke, O.
McGaronol, T. G., Prescott, O.
McGaranon, T. G., Prescott, O.
McGarnon, T. G., Prescott, O.
McGarnon, T. G., Prescott, O.
McGannon, T. G., Prescott, O.
McCannon, G. W., Summerside, P. E. I.
MacKay, James M., River John, N. S.
† McArthur, J. A., Lobo, O.
† McKenzie, J. T., Plainfield, O.
† McKenzie, J. T., Plainfield, O.
McKennon, Hugh, Alexandria, O.
McFarlane, M. A., Arnprior, O.
† McMeekin, J. W., St. Catharines, O.
McGarlane, M. A., Arnprior, O.
† McMerillan, D. L., Alexandria, O.
McFarlane, M. A., Arnprior, O.
† McMerillan, D. L., Alexandria, O.
McFarlane, M. A., St. Denis, Q.
Miller, J. J., Halifax, N.S.
Morrow, Calvin, Russell, O.
Morgan, V. H., Aultsville, O.
Morgan, V. H., Aultsville, O.
Omorgan, V. H., Aultsville, O.
Omorgan, T. H., Hamilton, O.
Orton, T. H., Hamilton, O. † Palmer, Guy F., Ottawa, O.

Park, James, Newcastle, N.B.
Park, Pryse C., Durham, O.
Parker, N. D., Hawkesbury, O.
Patterson, C. J., Toronto, O.
Platt, Alfred T., Picton, O.
Pomeroy, L. E. Mc., Tweed, O.
Poole, Alfred, Wakefield, Q.
Potter, James A., B.A., Kemptville, O.
Pottis, James, Belleville, O.
Pottis, James, Belleville, O.
Pothier, J. C., Woonsocket, R.I.
† Powell, F. H., Ottawa, O.
Pringle, W. R., Cornwall, O.
Quance, Samuel H., Elfrida, O.
Quirk, Ed. L., Aylmer, Q.
Raymond, Alfred, Moulinette, Q.
Raymond, G. H., B.A., Springfield, N.B.
Richardson, Geo. C., South March, O.
Reavely, E., Port Robinson, O.
† Robertson, Archd. McD., Brockville, Q.
Robertson, Francis D., B.A., Lennoxville, Q.
Robertson, Archd. McD., Brockville, Q.
Robertson, Francis D., B.A., Lennoxville, Q.
Robertson, M. G., Iroquois, O.
Ross, D. L., Winthrop, O.
Ross, D. L., Winthrop, O.
Ross, L. F., Montreal, Q.
Rowat, W. McL., Manotick, O.
Schmidt, A. J., Faribault, Minn.
Seery, F. J., Fredericton, N.B.
† Sharp, J. C., Studholm, N.B.
Shepherd, R. A., Barbadoes, W. I.
† Shibley, John L., B.A., Yarker, O.
Sinclair, Duncan, Guildes, O.
Springle, J. A., Montreal, Q.
Stewart, W. G., Arundel, Q.
Telfer, W. J., Burgoyne, O.
Thompson, J. H., Gananoque, O.
Trapnell, H. E., Harbor Grace, Nfld.
Turnbull, A. R., Russell, O.
Tupper, Freeman, Milton, N.S.
Vernier, H. C., Quebec, Q.
Warneford, Percy H., Norton, N.B.
Weagant, A. A., Hoasic, O.
Warneford, Percy H., Norton, N.B.
Weagant, A. A., Lancaster, O.
White, F. J., Green's Pond, Nfld.
White, Walter W., B.A., St. John, N.B.
Wilkins, H. P., Toronto, O.
Wilson, James A. K., Manotick, O.
† Wilson, James A. K., Manotick, O.
† Wilson, James A. K., Manotick, O.
† Wilson, James F., Barrie, O.

† Passed Examination for M.D., C.M., 1885.

### XVIII.

# LIST OF THE PRIZE-MEN AND MEDALLISTS IN THE MEDICAL FACULTY.

In 1855 the examinations were divided into Primary and Final, and Prizes were established for the best Thesis and for the best examinations in the Primary and Final Branches.

In 1865 the Holmes Gold Medal was established in honour of Dr. Holmes, and is given for the best examination in both Primary and Final Branches.

The following is the list with the present addresses of the recipients:

- 1854. For General Proficiency.—1st Prize.—Robt. Craik, Montreal.
  2nd Prize.—Thomas Simpson, Montreal.
- 1855. Thesis.—James McG. Stevenson, Bryanston, Ont.

  Final Examination.—James McG. Stevenson, Bryanston, Ont.

  Primary Examination.—Walter J. Henry.\*
- 1856. Thesis.—Walter James Henry, \* and W. J. Jones, Prescott, O. Final Examination.—E. Laberge.\*

  Primary Examination.—Levi R. Church, Montreal, Q.
- 1857. Thesis.—Levi R. Church, Montreal, and D. T. Robertson, Lennoxville, Q. Final Examination.—Levi R. Church, Montreal, Q. Primary Examination.—James Kerr.\*
- 1858. Thesis.—Timothy F. English\* and W. H. Taylor, Peterboro, O. Final Examination.—Wm. Harkin.\*
  Primary Examination.—Jas. J. O'Dea, Stapleton, Staten Island, N.Y.
- 1859. Thesis.—Edward W. Smith.\*

  Final Examination.—James J. O'Dea, Stapleton, Staten Island, New York.
- Primary Examination.—Henry Warren.\*

  1860. Thesis.—J. W. Pickup, Brockville, O.

  Final Examination.—Henry Warren.\*

  Primary Examination.—Joseph M. Drake, Montreal, Q., and Fred.

  Sutherland.\*
- 1861. Thesis.—Joseph M. Drake, Montreal; F. J. Austin, Sherbrooke, Q., and D. L. Philip, Brantford, O.
  Final Examination.—Joseph M. Drake, Montreal, Q.
- Primary Examination.—Thomas C. Walton,

  1862. Thesis.—R. M. Bucke, London, O.

  Final Examination.—John A. Stewart.\*

  Primary Examination.—John J. Marston, U. S. Army,
- 1863. Thesis.—Wm. C. Gustin, Detroit, Mich.
  Final Examination.—J. J. Marston, U. S. Army.
  Primary Examination.—R. A. Kennedy, Montreal, Q., and Peter A.
  McDougall, Ottawa, and C. F. Bullen.\*

1865. Holmes Gold Medal.—E. P. Hurd, Newburyport, Mass. Final Examination.—H. L. Vercoe, Seaforth, O. Primary Examination.—George Ross, Montreal, and W. Gardner, Montreal.

1866. Holmes Medallist.—George Ross, M.A., Montreal, Q.
Final Examination.—William Gardner, Montreal, Q.
Primary Examination.—Clinton W. Kelly, Louisville, Ky.

1867. Holmes Medallist.—Clinton W. Kelly, Louisville, Ky. Final Examination.—C. W. Kelly, Louisville, Ky. Primary Examination.—Wm. Henry Paterson.\*

1868. Holmes Medallist.—T. G. Roddick, Montreal, Q. Final Examination.—T. G. Roddick, Montreal, Q. Primary Examination.—Andrew Harkness, New Lancaster, O.

1869. Holmes Medallist.—T. D. Lucus.\*

Final Examination.—Andrew Harkness, New Lancaster, Q.

Primary Examination.—Alexander A. Henderson, Ottawa, O.

1870. Halmes Medallist.—A. A. Henderson, Ottawa, O. Final Examination.—O. H. E. Clarke, St. Louis, Mo. Primary Examination.—J. H. Mathieson, St. Mary's, O.

1871. Holmes Medallist.—J. H. Mathieson, St. Mary's, O. Final Examination.—H. P. Wright, Ottawa, O. Primary Examination.—Thomas Kelly, Demarara.

1872. Holmes Medallist.—Hamilton Allan, Oconto, Wis.

Final Examination.—G. A. Starke, Milwaukee.

Primary Examination.—F. J. Shepherd, Montreal.

Special Prize for Thesis.—W. Osler, Montreal.

1873. Holmes Medallist.—Thomas Kelly, Demarara.

Final Examination.—D. A. Alguire, Cornwall, Ont.

Primary Examination.—J. D. Cline, B.A.\*

1874. Holmes Medallist.—J. D. Cline, B.A.\*

Final Examination.—J. C. Cameron, Montreal.

Primary Examination.—Simon J. Tunstall, B.A., Lytton, B.C.

1875. Holmes Medallist.—S. J. Tunstall, B.A., Lytton, B.C. Final Examination.—J. B. Benson, Chatham, N.B. Primary Examination.—C. S. Murray, B.A.\*

1876. Holmes Medallist.—Robt, H. W. Powell, Ottawa, O.
Final Examination.—Chas. Murray, B.A.\*
Primary Examination.—Alex. C. Frazer, Manitowoc, Wis.
Special Prize for Thesis.—R. L. MacDonnell, B.A., Montreal.

1877. Holmes Medallist.—James Bell, Montreal, Q. Final Examination.—W. D. Oakley.

Primary Examination.—H. N. Vineberg, Portage La Prairie, Man.

1878. Holmes Medallist.—H. N. Vineberg, Portage La Prairie, Man.

Final Examination.—T. W, Mills, M.A., Montreal.

Primary Examination.—W. R. Sutherland, Montreal.

Sutherland Gold Medal.—J. M. Lesebvre, Brockville, O.

1879. Holmes Medallist.—J. B. Lawford, London, Eng.

Final Exmination.—A. W. Imrie, Detroit.

Primary Examination.—J. A. McDonald, Montreal.

Sutherland Gold Medal.—W. L. Grey, Pembroke, O.

1880. Holmes Medallist.—J. A. McDonald, Montreal.

Final Examination.—H. B. Small, Ottawa.

Primary Examination.—James Ross, B.A., Dundas, O.

Sutherland Gold Medal.—H. W. Thornton, B.A., Montreal.

1881. Holmes Medallist.—James Ross, B.A., Dundas, O. Final Examination.—John W. Ross, Cohoes, N. Y. Primary Examination.—R. J. B. Howard, B.A., Montreal. Sutherland Gold Medal.—C. E. Cameron, Montreal.

1882. Holmes Medallist.—R. J. B. Howard, B.A., Montreal, Q. Final Examination.—Henry V. Ogden, B.A., Milwaukee, Wis. Primary Examination.—George A. Graham, Hamilton, O. Sutherland Gold Medal.—Wyatt G. Johnston, Sherbrooke, Q. Morrice Scholar.—Wyatt G. Johnston, Sherbrooke, Q.

1883. Holmes Medallist.—C. E. Cameron, Montreal.

Final Examination.—J. B. Loring, Sherbrooke, Q.

Primary Examination.—Ed. G. Wood, Londesboro, O.

Sutherland Gold Medal.—R. F. Ruttan, B.A., Napanee, O.

Morrice Scholar.—R. F. Ruttan, B.A., Napanee, O.

1884. Holmes Medallist.—Wm. A. Ferguson, Bathurst, N.B.

Final Examination.—James P. McInerney, Kingston, N.B.

Primary Examination.—Smith Gustin, London, Ont.

Sutherland Medal.—John Elder, B.A., Huntingdon, O.

1885. Holmes Medallist.—Edwin G. Wood, Londsboro, O. Final Examination.—Smith Gustin, London, Ont. Primary Examination.—Ed. J. Evans, Seaforth, Ont. Sutherland Medal.—H. A. Lafleur, Montreal, Q.

# HOW TO BECOME A REGISTERED PRACTITIONER.

The possession of an M.D. degree does not entitle the holder to practice. He must become registered. In all the provinces of the Dominion, except Ontario, the possession of a degree in Medicine from a recognized university entitles the holder to register. In Quebec, graduates of the universities of the province must appear in person at the May or September meeting of the Board, present their diplomas and swear to them. Registration is granted only at these periods. It is optional with the Board whether the holder of a degree from a University outside the Province of Quebec can register without further examination. In some cases the additional test has been enforced. In Ontario, unless a registered practitioner of Great Britain, the examination of the college of physicans and surgeons of the Province must be passed before registration. The examination is held every spring. In Nova Scotia, New Brunswick, Manitoba, the provincial boards accept the degrees of Canadian Universities without examination. Prince Edward Island and British Columbia have as yet no Medical Boards. In most of the West India Islands certificate of registration in one of the Provinces of the Dominion entitles the holder to practice.

In the *United States*, holders of Canadian degrees in medicine can practice without additional examination or study. In many of the States now Medical Boards exist, similar to those in our Provinces, and the degree must be registered before a license to practice is obtained. The custom varies in different States.

In *Great Britain* no colonial or foreign degrees are registerable, except in the case of the University of Melbourne and of holders of Colonial degrees prior to 1850. To register, the examination of one of the numerous licensing Boards must be passed.

A Graduate in Medicine of an American College in order to register in any of the Provinces of the Dominion, must (a) unless the holder of an Academical Degree pass the Matriculation examination of the Board (b) attend some one of the Medical Schools in order to complete the curriculum required by the Boards and (c) pass the professional examination.

6	9
DOCTORS II	N MEDICINE.
Addison, Jas. L., St. George, O 1884	*Braithwaite, Fr
	Brandon, John, Breslin, William
Alland, Emery, Alland, Hamilton, Alland, Emery, Alland, Hamilton, Alland, L. H. B., Allend, C. E., Alloway, Thomas Johnson, Montreal 1863 Anderson, Alex., Med. Dept. Indian	Brigham, Josiah Brissette, Henry Bristol, Amos
tAllan, Hamilton, Oconto, Wis 1872	Brissette, Henry
Allan, J. H. B., Montreal 1885	Brodeur, Alphor
Alloway, Thomas Johnson, Montreal 1869	Brodeur, Alphor Brodie, John,
	*Brooks, Samuel
Army 1866	Brooks, Samuel * *Brouse, William Brouse, Jacob E.
*Anderson, John C., Archer, Ths., Wandsworth, Eng 1869	Drossard A R 3
Ardagh, Johnson, Orillia, O 1869	Brown, J. L.,
Ardagh, Johnson, Armstrong, Geo. E.,  *Arnoldi, Daniel [Hon], Arthur H. Hard 1887	Brown, Peter E.
*Arnoidt, Daniel [Hon], Arthur, R. H., Arthur, R. H., Alt, Alexander, Ault, Alexander, Ault, James F., Ault, Edwin D., Austin, Fred, John, Sherbroote O. 1862	Brown, Harry,
Arlt Alexander	
Ault, Charles, Ochkosh, Wis 1860 Montreal 1855	Brown, Chs. O., Browne, Arthur A Bruneau, Adolph
*Ault, James F.,	Bruneau, Adolph
Austin Fred John Sharbrade, O 1868	*Bruneau, Olivie
Ault, Edwin D., Austin, Fred. John, Ayer, N., M.A., Aylen, John, Aylen, James, Backhouse, J. B., Bain, D. S. E., Staff Surgeon Mai	*Bruneau, Olivie: *Bruneau, Onésin Bryson, William Bucke, Richard M *Bucke, Edward
Aylen, John, Aylmer, Q 1857	Bucke, Richard M
Backhouse J. B. Breidwood III 1870	*Bucke, Edward
Bain, D. S. E., Staff Surgeon Maj. 1868	Buckley William
Bain, Hugh U., Prince Albert, Man 1875	*Buckle, Kleinard M *Buckle, John M Buckley, William Bull, George J., C *Bullen, Charles Buller, Frank, Burgess, J. A
Baird, T. A. D Pakenham, O 1870 Chesterfield O 1885	*Bullen, Charles
Aylmer, Q 1857 Aylen, James, Aylmer, Q 1863 Backhouse, J. B., Braidwood, II 1870 Bain, D. S. E., Staff Surgeon Maj. 1868 Bain, Hugh U., Prince Albert, Man 1875 Baird, James G., Baker, Albert, Barday, George Barclay, George	Burgess, J. A.
Barclay, George, Parkhill, O 1870  *Barnston, James [ad. eun], 1856  Barnesty, Charles, Port Dover, O 1861  Baynes, Donald, M.A., London, Eng 1876  Baynes, Geo. Aylmer, Winnipeg, Man 1869  Beatty, D., Richmond, Carlt. Co., O 1862  *Beaudet, Alfred, Beaudry, Louis B., Bt. Cesaire, Q 1871  Beckstead, M., Lisbon Centre, St. Law.  Co. N.Y 1878  *Bell, James, Montreal 1877	Burgess, J. A., Burch, B. F., Wa
Barrett, Jos. A., Fenaghvale, O 1884	Burch, B. F., Was surland, John I Burland, Samuel Burland, William Burland, William Burland, Benj. W Burrows, F. N., Burrows, Philip I Surrows, Philip I Sur
Battersby, Charles, Port Dover, O 1861	Burland, William
Baynes, Geo. Aylmer Winning Man 1869	Burland, William
Beatty, D., Richmond, Carlt. Co., O 1862	Burrows, F. N.
*Beaudet, Alfred, 1865	Burrows, Philip I
Beckstead, M., Lisbon Centre, St. Law	*Burnham, Rober *Burns, Alfred J. Buritt, Horatio ( Burwash, Henry J. *Butler, George C Butler, Billa F., *Buxton, John N. Cahalan, James, †Cameron, Chas. 1 Cameron D. A., Cameron, Paul,
Co. N.Y 1878	Burritt, Horatio
tBell, James, Moutreal 1877 Bell, John, M.A., Bell, Robert, C.E., Bell, Robert, C.E., Belleau, Afford, Peterboro, O 1873	Burwash, Henry J
Bell, Robert, C.E., Ottawa 1878	Butler, George C
Bell, Robert, C.E., Bell, Robert W., Belleau, Alfred, **Regregory Learns	*Buxton, John N.
Belleau, Alfred, Quebec 1862 *Bergeron, Joseph, 1870	Cahalan, James,
Bergin Darby, Cornwall, O 1847	Cameron D. A.,
Bender Prosper Boston Montreal 1863	Cameron, Paul, Cameron, Duncan
Belleau, Alfred,  *Bergeron, Joseph, Bergin, Darby, Bessey, William E., Bender, Prosper, Benson, Joseph B.,  *Bibaud, Jean G., Blackader, Alex. D., B.A., Montreal 1871 Blacklock, John J.,  Chesterville, O 1851 Chesterville, O 1851 Chesterville, O 1851 Chesterville, O 1851	Cameron, Junean
*Bibaud, Jean G., 1843	Cameron, John D.
Blackader, Alex. D., B.A., Montreal 1871 Blacklock, John J., Chesterville, O 1851	*Campbell, Donald
*Blanchet, J. B., 1863	Cameron, James (Cameron, John D. *Campbell, Donal Campbell, Francis *Campbell, G. W.,
*Bligh John W	Campucit, U.,
Bogart, Irvine D., Mene, O 1859	*Campbell, John
Domberry, Geo. E., 1875	Campbell, John, Campbell, Lorne,
Bonesteel, S. A., Colombus, Neb 1881 Boulter, George H., Stirling O 1852	Campbell, Lorne, Cannon, Gilbert, Carmichael, D. A
Boulter, George H., Bowser, J. C., *Boyer, Louis, *Boylan, Androm A.	Carmichael, D. A
*Boyer, Louis, *Boylan, Andrew A	Carey, Augur D. I
Boyle, Albert D., Carbonear, Nfld 1877	Carman, Philip E.,
Bower Siles I 1860	Cassidy, David M.
*Bradley, William Waddington, N Y 1865	Asy
*Boyle, Louis, 1842 *Boyle, Andrew A., 1857 Boyle, Albert D., Carbonear, Nfd 1877 *Bowman, William E., 1860 Bower, Silas J., Waddington, N Y 1865 *Bradley, William,	Cassidy, Geo. A.,

LILIDIOINE.	
*Braithwaite, Fran	ois II
Brandon, John, Breslin, William I. Brigham, Josiah S. Brissette, Henry R. * Bristol, Amos S. Brodeur, Alphonse Brodie, John, Brooks, Samuel T.	1863 H.,
Breslin William T	Ancaster, O 1867
Brigham Josiah	, 46th Regiment 1847
Brigaatta, Josian S.	, Philipsburg, Q 1848
Brissette, Henry R	, Lowell, Mass 1871
*Bristol, Amos S.	Napanee,O 1850
Brodeur, Alphonse	, Roxton Falls, Q 1863
Brodie, John,	Honolulu, Sdwh Isl 1877
Brooks, Samuel T., *Brouse, William I	St Johnsbury, Vt 1851
*Bronse William	H 704
	Brockville, O 1861 Laprairie, Q 1875 Melbourne, Q 1881 Plattsville, O 1879
Brown, Thos. L., Brown, Peter E. S.	Brockville, O 1861
Brown Than I	Laprairie, Q 1875
Drown, Thos. L.,	Melbourne, Q 1881
Brown, J. L.,	Plattsville, O 1879
Brown, Peter E., S	te Anne de Belle-
Brown, Harry, 4	105 W. Washington
Brown, Chs. O., Browne, Arthur A., Bruneau, Adelpho,	St., Chicago 1873
Browne Arthur A	B 4 1882
Bruneau Adalaha	B.A., Montreal 1872
*Bruneau, Adolphe,	Sorel, Q 1853
Bruneau, Adolphe, *Bruneau, Olivier T *Bruneau, Onésime Bryson, William G., Bucke, Richard Mat. *Bucke, Edward H.	[.[Hon], 1843
*Bruneau, Onesime.	, 1851
Bryson, William G.,	Fenelon Falls, O 1867
Bucke, Richard Man	rice, London, O 1862
*Bucke, Edward H.	, 1852
*Buckle, John M. C.	1002 100n
*Buckle, John M. C. Buckley, William P.	1869
Bull George I Col.	Prescott, O 1870
Bull, George J., Cole *Bullen, Charles F.	orado Springs, Col. 1869
Pull - Frances F.	, 1864
Buller, Frank,	Montreal 1879
Burgess, J. A.,	
Burch, B. F., Walla	Walla, Walsh Ter 1866
Burgess, J. A., Burch, B. F., Walla *Burland, John H., Burland, Samuel C., Burland, William B Burland, William B Burland, Benj. W., Burrows, F. N., Burrows, F. N., Burrows, Alfred J., Burritt, Horatio C., Burter, Burk, Henry J., *Butler, George C., Butler, Billa F., *Buxton, John N.,	1863
Burland, Samuel C.,	Chester, Penn 1877
Burland, William B	Montreel 1070
Burland William H	Montreal 1872
Burland Bons W	Montreal 1875
Princeson E MT	Mineville, N Y 1882
Durrows, F. N.,	Drayton ,O 1885
Burrows, Philip P.,	Lindsay, O 1 66
*Burnham, Robert V	Vilkins, 1860
*Burns, Alfred J.,	1854
Burritt, Horatio C.,	Toronto, O 1863
Burwash, Henry J 1	Minneapolis, Minn 187,
*Butler, George C.,	1865
Butler, Billa F	Stirling O 107)
*Buxton, John N.,	Stirling, O 1879
Cohelen Tomas	1849
Cahalan, James,	Wyandotte, Mich 1880
†Cameron, Chas. E., Cameron D. A.,	Montreal 1883
Cameron D. A.,	Strathroy 188;
Cameron, Duncan H.	., Emerson, Man 1877
Cameron, James C.,	Montreal 1874
Cameron, John D.,	Norway, Mich 1878
*Campbell, Donald F	Peter, 1860
Campbell Francis W	Tayland Montreal 1980
*Campbell C W M	ayland, Montreal 1860
Compbell I	I.A., [ad eun], 1843
Campbell, J.,	New Zealand 1878
*Campbell, Samuel,	1866
Campbeli, John,	Seaforth, O 1869
Campbell, Lorne,	London, Eng 1882
Cannon, Gilbert.	Almonte, 0 1877
Carmichael, D. A.	Mar. Hosp. Serv
	Cairo, Ili 1873
	2 2010, 111 1013
Carev. Anour D. I.	00 01111 1004
Cameron, Duncan H. Cameron, James C., Cameron, John D., *Campbell, Donald F. Campbell, Francis W. *Campbell, G. W., Campbell, J., *Campbell, John, Campbell, John, Campbell, Lorne, Carpbell, Carbbell, Carpbell, Carbbell, Carpbell, Carbbell, C	ad eun], 1864
Carey, Augur D. L. [Carman, Philip E.,	Detroit, Minn 1879
Carey, Augur D. L. [Carman, Philip E., Carman, John B.,	Detroit, Minn 1879 Detroit, Minn 1879
Carey, Augur D. L. [ Carman, Philip E., Carman, John B., Cassidy, David M., M	Detroit, Minn 1879 Detroit, Minn 1879 Detroit, Minn 1879 Ied. Supt. County
Carman, Philip E., Carman, John B., Cassidy, David M., M Asylun	Detroit, Minn 1879 Detroit, Minn 1879 Ied. Supt. County n, Lancaster, Eng 1867
Carey, Augur D. L. [ Carman, Philip E., Carman, John B., Cassidy, David M., M Asylun Cassidy, Geo. A.,	Detroit, Minn 1879 Detroit, Minn 1879 Ied. Supt. County n, Lancaster, Eng 1867
Carman, Philip E., Carman, John B., Cassidy, David M., M Asylun	ad eun]. 1864 Detroit, Minn 1879 Detroit, Minn 1879 Ied. Supt. County n, Lancaster, Eng 1867 Goldstone, O 1885

1858

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1847

1843

Goderich, O 1865 1859 Gedeque, PEI 1883 e Park, Minn 1881 Crichten, Stuart, Crothers, William, Stanbridge, Q 1876 Stanbridge, Q 1876 Stanbridge, Q 1876 Cassady, John F., Goderfor, 1859 \*Carroll, Robert W. W., Bedeque, PEI 1883 Carruthers, Geo., North Bedeque, PEI 1883 Lake Park, Minn 1881 \*Culvers, Joseph B., \*Culvers, Joseph B., \*Cuninghame, W. C. Thurlow Cutter, Frederick A., Daly, Guy D. F., Daly, Walter S., \*Payestay, Checker Carson, J. H., \*Carson, Augustus,
Carter, Samuel A.,
Case, W. Hermanus,
Dasgrain, Charles E.,
Cattanach, Andrew J.,
Cattanach, Angus M.,
Chagnon, Vincelaus G. B.,

\*Carson, Augustus,
Meadow Vale, O. 1859
Hamilton, O. 1859
Denver, Col. 1871
Denver, Col. 1871
Denver, Col. 1871
Denver, Col. 1871
Mass. 1861 \*Carson, Augustus, Sutton, Q Ogdensburg, US 1885 \* Dansereau, Charles, Dansereau, Charles \* Dansereau, Pierre, Davis, Thomas B.,
Davignon, F. F.,
Dawson, R. B.A.,
Daze, Henri,
Dearden, G. A.,
\*Dease, Peter Warren
DeBonald, C. S.,
DeGrosbois, T. B.,
Demorest, B. G. G.,
Derby, W. J.,
\*Descelles, Charles D.,
Dibblee, G. O.,
\*Dibblee, G. O.,
\*Dice, George, Chelsea, Q 1884 Leadville, Col 1871 \* Chaliner, Francis
Caerry, William,
\* Chesley, George Ashbold,
Chevalier, Gustave,
Chevalier, Napoleon E.,
Chipman, C. J. H., B.A.,
\* Chisholm, Alex.,
Chisholm, Murdoch,
Christie, George H.,
Christie, John B., 1849 Toledo, Ohio 1869 1862 Bedford, Q 1862
E., Iberville, Q 1863
B.A., Ottawa, O 1868
Alexandria, O 1878
Bay Roberts, Nfd 1879 Lachute, Q 1872 Palaluma, Son Co., Cal 1865 Christie, John B.,

Christie, Thomas,
Christie, John H., B.A.,
Christie, John H., B.A.,

833 W 22nd St.,
Chicago 1882 Dibblee, G. O.,

\* Dice, George,
\* Dick, James R.,

\* Dickinson, James S.,

\* Dickinson, George,
Dickson, William W.,
Digby, F. Winniett,

\* Dodd, John
Doherty, W. W.,
Donnelly, C. H.,

\* Dorion, Severe

\* Dorland, Enoch G.
Dorland, James,
Dougan, Wm.,
Douglass, James [Hon] Christie, Edmund, \* Church, Charles H., Church, Clarence R., Church, Coller M., Church, F. W., Church, Levi R., Church, Mills K., \* Church, Peter H., \* Clarke, Hy. L. Chicago 1882 1862 Ottawa 1868 Aylmer, Q 1855 Aylmer, Q 1855 Montreal, 1857 Merrickville, O 1864 1846 \* Church, Feter II.,
Clarke, Hy. J.,
Clarke, Octavius H. E.,
Clarke, Wallace, B.A.,
Clarke, Richard A.,
Clarke, F. G. B., Fordwych Rd Kilburn,
Clemesha, John W.,
Clement, Victor A.,
Clarke, G. G. G. Guillaume, Q. 1866
St. Guillaume, Q. 1866
Port Hope, O. 1867
St. Guillaume, Q. 1866 Milwaukee, Wis 1875 St Catharines, O 1867 Dougan, wm.,
Douglass, James [Hon]
Dowling, John F.,
Drake, Joseph M.,
Dubuc, Charlemagne, Egansville, O 1875 Abbottsford, Q 1861 Montreal 1864 Clemesha, John W.,
Clement, Victor A.,
\*\*Cline, John D., B.A.,
Cluness, Daniel,
Codd, Alfred,
Collins, Charles W.,
Collins, Charles W.,
Collins, Charles W.,
Colinson, R.,
Collins, Charles W.,
Colinson, R.,
Collins, Charles W.,
Colinson, R.,
Collins, Charles W.,
Collins, Charles W.,
Collins, Charles W.,
Collins, Charles W.,
Collins, Charles H.,
Cooke, GyR., B.A.,
Cooke, Hermon L.,
Cooke, Sheldon E.,
Cooke, Sheldon E.,
Cooke, Sheldon E.,
Cooke, Charles H.,
Cooke, Sydney P.,
Cooke, W. H.,
Copeland, William L.,
\*\*Corbett, A. P. M.,
Corbett, William H.,
\*\*Corbett, Milliam Drake, Charlemagne,

\* Ducket, Stephen,
Duckett, William A.,
Dufort, Thadee A.,
Duhamel, Louis
Duncan, George,
Duncan, Gedeon M.,
Duncan, George C.,
Lames S.,

Montreal 1899
St Sebastien, Q 1865
Fareham, Haul, Q 1366
Bathurst, N B 1871
London, Eng 1875
Surg. Mag. Army 1858
Surg. Mag. Army 1858 \* Duncan, John, Duncan, John A., 120 3rd Street
Troy, N Y 1884
Fergus Falls, Minn 1882
Crookston, Minn 1882 Duncan, W. T., Fer Dunlop, H. A., \* Dunn, William Oscar, Dunsmore, John M., Clarenceville, Q 1856 Brockville, O 1852 Kansas City, Mo 1876 Montreal 1885 Dupuis, Joseph B.,
Easton, John.
Eberle, Harry A.,
Eberts, D. W.,
Edwards, Eliphalet G., Brig. Surg Army
Med Dept 1854
St. Thomas, O 1869 Corlis, Josiah, Cormack, Wm., \* Corsan, John, Corson, Douglas, Cotton, C. L., Cousins, W. C., \* Cowley, Thank London, O 1855 Morristown, O 1881 Edwards, J.S., C., Qu'appelle, N.W.T. 1873 Edwards, Oliver C., Qu'appelle, N.W.T. 1873 Elder, John B. A. Elderkin, Edwin J., Havts Co. N.S. 1884 1869 Woodstock, O 1885 Cowansville, Q 1877 Ottawa, O 1882 Avondale, Hants Co., N S 1884 Surg. Maj Gren. Guards 1862 268 W 43rd St N Y 1873 Minneapolis, Minn 1857 1870 \*Cowley Thomas McJ., Granby, Q 1880 Cowley, D. K., Charlottetown, P E 1 1869 Elkinton, A. G., Cox, Frank, Coyle, Henry W., Craig, Thornton, Craik, Robert, Cox, Frank, Sorel, Q 1876 Capay, Cal 1876 apay, Cal 1876 Ellison, S. R., Montreal 1854 Emery, Gordon J.,

* English T F		- 00			
* English, T. F., * Erskine, John,		1858	Gordon, Robert,	Arlington, Ill	1868
Ethier, Calixte,	St Eugene, (	1860	* Gordon, W. W., Graham, Charles E.,		1863
Evans, Griffith,	Vet. Dept. Arm	2 1007	Graham, Charles E.,	Hull, Q	1865
, , , , , , , , , , , , , , , , , , , ,	Woolwich Fr	y -00		Montreal	1884
Ewing, William	Woolwich, En	1804	* Graham, Henry,		1863
Ewing, William, Falkner, Alexander	Hawkesbury,	1873	Graham, Kenneth D.,	Ottawa, O	1875
Falls, Samuel K.,			Grant, Donald J.,	Woodbridge, O	1863
Farewell G McCil	Chicag	0 1875	Grant, James A.,	Ottawa, O	1854
Farewell, G. McGill Farewell, W. G.,	l, Princeton,	) 1872	Grant, Jas. A., B.A.,	Ottawa, O	1882
Forlay Town T	Oshawa, (		Grant, William.	Perth, O	1867
Forley, James 1.,	Fremont Centre, Mich Belleville, (	h 1877	Gray, John S	Winnipeg, Man	T876
Farley, John J.,	Belleville,	1873	Gray, Thomas.	Paisley, O	1870
	Foxboro, (Chicago, Il	) 1871	Gray, James.	Montreal	7880
Faulkner, D. W.,	Foxboro, (	) 1878	Grav. W. L.	Pembroke, O	1003
Faulkner, D. W., Feader, H. C., Feilde, E. C.,	Chicago, Il	1 1881	Greaves, Henry C	Barbadoes	1001
Feilde, E. C.,		1881	Greenwood F S	St Cathorinas O	1077
Fenwick, George E.			Greenwood, F. S., Greer, T. A., C. SS. M. * Grenier, L. P. A., Groves, George H., Guerin, James, J. E., Guest, Thomas F., Gunn, James, Gurd, David F., Gustin, Smith,	linia Halifar N.C.	1070
Fergusson, A. A.,	Franklin Centre, ( Dalhousie Mills, ( B.A., Montrea Montrea Montrea	1864	* Grenier I. P A	illia, Italiax, N 5	1070
Fergusson, Alex. R	., Dalhousie Mills. (	1866	Groves George H	C ()	1803
Ferguson, Wm. A,	B.A., Montrea	1 1884	Guerin James I F	Carp, O	1879
Finlay, F. G.,	Montrea	1 1885	Guest Thomas F	Montreal	1878
* Finlayson, John.		T824	Gunn Inmes D.	St Mary s, O	1873
Finnie, John Tan	Montrea	1 1866	Gurd David F	rnam, Co. Grey, O	1801
*Fisher, John.	and it ca	1847	Gustin Smith	Montreal	1879
* Fitzgerald, James			Gustin, Smith, Gustin, Wm. Claud,	Montreal	1885
*Fisher, John,  *Fitzgerald, James Fortier, Louis A.,	St David O	1865	Gustin, Wm. Claud,	Detroit, Mich	1863
Fortier, Louis A., Fortin, Pierre,	St David, Q Montreal	1070	Hagarty, Dan. M. J.,	Portage la Praierie	
Fortune, Lewis M.,	Huntingdon O	1845		Manitoba	1866
* Foster, Stephen Se	Huntingdon, Q	1873	* Hall, Archibald, [ad	eun]	1848
Fraleigh William C	ewell,	1846	* Hall, James B., * Hall, J. W., Hallett, E. O.,		1866
Fraleigh, William S	., Gananoque, C	1869	* Hall, J. W.,		1848
Fraser, H. D., Fraser, Alex. C.,	Gananoque, C Perth, O Manitowoc, Wis	1881	Hallett, E. O.,	Truro, NS	T88=
* Fraser William,	Manitowoc, Wis	1877	manuay, james 1.	Peterboro ()	786-
Fraser William,		1830	* Hamilton, Andrew W	.,	1850
Fraser, William H., Fraser, Donald M.,		1867	Hamilton, Charles S.,	Demorestville, O	1868
Fraser, Donald M.,	Stratford, O Chicago, Ill	1869	* Hamilton, Andrew W Hamilton, Charles S., Hamilton, John R.,	Stratford, O	1871
Fraser, Donald,	Chicago, Ill	1868	* Hamilton, Rufus F.,	2 200	1861
Fraser, J. R.,	Chicago, III Medcalfe, O Cape Sable Isl., N S Grand Rapids, Mich B.A., Sweetsburg, Q Montreal Bad Axe, Mich	1878	Hamel, Joseph A.,	Murray Bay, Q	T256
Freeman, C. M.,	Cape Sable Isl., N S	1871	Hammond, J. H., Hanna, A. E.,	Montreal	1860
Fuller, W.,	Grand Rapids, Mich	1866	Hanna, A. E.,	Harlem, O	
Fuller, H. LeRoy, I	B.A., Sweetsburg, Q	1870		Lansdowne, O	1870
Fulton, James H., Gale, Hugh,	Montreal	1863	Hanover, William.	Seaforth, O	1875
Gale, Hugh,	Bad Axe, Mich	1882	Hanvey, C. I. B.	Vale BC	T882
* Garvey, Joseph.		1852	Harkin, F. McD	Vankleek Hill O	288=
*Garvey, Joseph, Gardner, H. H.,	San Francisco, Cal	1878	Hanover, William, Hanover, William, Hanvey, C. J. B., Harkin, F. McD., Hart, F. W., Harvie, J. B., Harvey, Wm. A., * Harding, F. W.	Vankleek Hill, O St Martinville, La 1st St, Troy, N Y	1805
Gardner, John I	Montreal	1882	Harvie I. B.	ret St Troy NV	1035
Gardner, Matthew.	Sacramento, Cal	T827	Harvey Wm A	Harriston, O	1001
Gardner, William	Montreal	1867	* Harding, F. W.		
Gardner, John J., Gardner, Matthew, Gardner, William, *Gascoigne, Geo. E Gaviller, Edwin A.,	1.10IIII	1861	Harkin, Henry,		1868
Gaviller, Edwin A.	Hamilton, O		* Harkin William		1867
* Gauvreau. Elzear	Trammton, O	10/3	* Harkin, William, Harkness, John, Dick	incon's Comon O	1858
* Gauvreau Lewis H		1855	Harkness, John, Dick	inson's Corners, O	1802
Gendron Thomas	St Raymond, Q	1836	Harkness, Andrew, Harrison, David H.,	New Lancaster, O	1809
Germon George W	Mariavilla O	1000	Harrison, David H.,	St Mary's, O	1804
* Gaivreau, Elzear, * Gauvreau, Lewis H Gendron, Thomas, Gernon, George W., * Gibb, George D., Gibson, John B., Gibson, W. B., * Gibson, Edward B	Marieville, Q		Harrison, David H., Harrison, H. J., Hart, George C.,	Property O	1083
Gibson John B	Commencial O	1846	Hart, George C.,	Prescott, O i	879
Gibson W. R	Cowansville, Q	1055	Hannington, E. B. C.,	Yale, BC	1875
* Gibson, Edward B. Gilbert, Henry L., Gillis, John A. F., Gillies John	Dunham, Q	1078	Hawkins, A. C.,	Halifax NS	1885
Cilbert Hanny I	,	1864	Hayes, James, Heard, C. DeW., Cha Hebert, P Zotique,	Simcoe, O	1866
Cillie Tobe A F.	Sherbrooke, Q Summerside, P E I	1875	Heard, C. Dew., Cha	rlottetown, PEI	0880
Cillian Tab	Summerside, P E I	1877	Hebert, P Zotique,	Whitehall, N Y	1873
Gillies, John,	Teeswater, O	1867	T Henderson, Alex. A.,	Ottawa, O	1870
Cimour, Angus A.,	Modesta, Cal	1808	Henderson, E. G.,		1874
Gilmour, Angus A., * Giroux, Philippe, Girdwood, Gilbert P., Glen, C. W. E., Godfrey, Abert		1859	* Henderson, Peter, A.I	М.,	848
Clark College P.	Montreal	186)	Henderson, Andrew,	Calgary, NWT	1880
Code, C. W. E.,	Chambly, Q	1858	* Henry, Walter [Hon.]	I	853
Codiffey, Robert	Montreal	1844	* Henry, Walter J.,	1	8=6
Godfrey, Abraham C.	. Freemantle.		Henderson, Andrew, * Henry, Walter [Hon.] * Henry, Walter J., Henry, Wm. G., C.	P.R. Mattawa, O	883
	Southampton, Eng	1805	Henwood, Alfred J.,	Brantford, O 1	879
* Goodhue, P. J.,		1875	* Hervey, Jonas J.,	1	866
Golorth, Franklin.	Runcorn, Ches., Eng	1863	Hethrington, Harry,	Hatley, O 1	872
	st. Philip Barbadoes,		Hevd H E	Hatley, Q 1 Buffalo, N Y 1	881
	Wi	1884	Hickey, Charles E.,	Morrisburg, O 1	866
Gordon, C. M.,	Aylwin, O	1881	Hickey, Samuel A., B.A.	Aultsville, O I	874
	,,		,	,,	14

Higginson, H. A.,
Hills, Joseph,
Hingston, W. H.,
Hockridge, Thos. G.,
\* Holden, Rufus,
Holwell, John,
\* Holmes, Andrew F., [ad eun]
Hopkins, Alfred J.,
Howard, D. W.,
Howard, Robert,
Howard, R. Palmer,
† Howard, R. Palmer,
† Howard, R. P. St. John's, Q. 1883
Howden, Robert T.,
Howett, Wm. H.,
Howitt, Wm. H.,
Howland, Francis L.,
Hulbert, E. Augustus,
Hume, William L.,
\* Hunt, J. J.,
Hunt, Henry,
Hunt, J. H.,
Surg. Man 1881
Woonsocket, R I 1873
Montreal 1851
Kingston, James,
Cookshire, Q. 1883
Cookshire, Q. 1883
Cohes, N Y 1881
Lachine, Q. 1867
St. John's, Q. 1875
Montreal 1882
Winnipeg, Man 1881
Montreal 1851
Montreal 1844
Kingston, James,
Advantage, A.,
Montreal 1843
Montreal 1845
Cohes, N Y 1881
Lachine, Q. 1867
Montreal 1832
Montreal 1851
Lachine, Q. 1867
Montreal 1832
Montreal 1851
Lachine, Q. 1867
Montreal 1832
Montreal 1851
Lachine, Q. 1867
Montreal 1844
Montreal 1851
Lachine, Q. 1867
Montreal 1851
Lachine, Q. 1867
Montreal 1844
Montreal 1854
Lachine, Q. 1867
Montreal 1844
Montreal 1851
Lachine, Q. 1867
Montreal 1844
Montreal 1854
Lachine, Q. 1867
Montreal 1844
Montreal 1854
Lachine, Q. 1867
Montreal 1844
Montreal 1854
Lachine, Q. 1867
Montreal 1848
Montreal 1844
Montreal 1841
Lachine, Q. 1867
Montreal 1844
Montreal 1841
Lachine, Q. 1867
Montreal 1841
Lachine, Q. 1867
Montreal 1841
Lachine, Q. 1867
Montreal 1841
Montreal 1841
Montreal 1842
Montreal 1841
Lachine, Q. 1867
Montreal 1841
Lachine, Q. 1867
Montreal 18 Williamstown, O 1876
Surg. Maj. Army, Med
Dept. 1869 Hunt, Lewis G., B.A., Sheffield, Eng 1869
† Hurd, Ed. P., Newburyport, Mass 1865.
Hurdman, Benj. F. W., Hurdman, H. T.,
Hurlbert, George W.,
Hurlbert, Richard W.,
Hutchison, John A.,
Hutchison, Jas. A.,
Imrie, A. W.,
Laksetter, D. G.,
Irvine, James C., Hunt, J. H., Irvine, James C., Liverpool, Eng 1866 Irvine, K. T., Carp., O 1885 Irvine, J. L., 205 E Ohio St Chicago 1870 Ives, Eli, 1846 Jackson, Mm. Fred., Jackson, Usseph A., Manchester, N. H., 1870 Manchester, N. H., 1870 Jackson, A. 1.,
Jackson, Wm. Fred.,
Jackson, Joseph A.,
Jamieson, Alex., B.A.,
Jamieson, Thos. A.,
Jamieson, Chas. J.,
Johnson, J. C.,
Johnson, J. C.,
Johnson, J. R.,
Johnson Brockville, O 1873 Manchester, N H 1879 \* Keeler, Thomas,
† Kelly, Clinton Wayne,
Kelly, Patrick N.,
\* Kelly, Patrick N.,
\* Kelly, Thomas, Enmore St'n, Demerara 1873
† Kennedy, Richard A.,
\* Kennedy, Richard A.,
\* Kern, James,
Killery, St John,
King, Reginald A. D.,
King, Reginald A. D.,
King, Reginald A. D.,
King, Richard,
\* Keeler, Thomas,
Rochester, Minn 1884
\* Mac Donnell, Æneas,
Mac Farlane, Wm.,
\* Mac Farlane, Wm.,
\* Mac Mac Barlane,
\* Mackie, J. R.,
\* Macklem, Samuel S.,
\* Macklem, Samuel S

Long, Alexander, Longley, Edmund, Longpre, Pierre F., Loring, J. Brown, \* Loupret, Andre, Loux, William, \* Lougret, Nalcon Quebec 1848 Sherbrooke, Q 1883 \* Louret, Andre,
Loux, William,
\* Loverin, Nelson,
Lovett, William,
\* Lucas, T. D'Arcy
Lunday, E. L.,
Lunday, E. L.,
Lyford, Chs. C.,
Lyford, Chs. C.,
Lyon, Arthur,
Mac Donald, Angus,
\* MacDonald, Angus,
\* MacDonald, Angus,
MacDonald, R. T. E.,
MacDonald, Roderick Æneas,
Stoney Mountain, Man
MacDonald, Roderick Æneas,
MacDonald, R. L.,
MacFalane, Wm.,
MacFalane, Wm.,
MacFalane, Wm.,
Macfe, James,
MacIntosh, Robert,
MacKei, J. R.,
\* Mackie, J. R.,
\* Macklem, Samuel S.,
Maclean, Archibald,
\* Macapis, A. L.,
\* Maclean, Sarnia, O 1867
\* Macklem, Samuel S.,
Maclean, Archibald,
\* Macnais, A. L.,
\* Marsian Marcia, A. L.,
\* Macklem, Samuel S.,
Maclean, Archibald,
\* Macapis, Farais, A. L.,
\* Macklem, Samuel S.,
\* Macklem, Sam Russell, O 1870

McArthur, John A., Port Elgin, O 1879	McLeod, James, Charlottetown, P E I 1873 McMicking, George, McMillan, Æneas J., McMillan, Do L., McMillan, John, McMurray, Samuel, McMillan, E. P., 1841  McLeod, James, Charlottetown, P E I 1873 St. Catharines, O 1885 Goderich, O 1851 Manitou, Col 1874 Alexandria, O 1885 Mansonville, Q 1860 Pictou, N S 1857 McMurray, Samuel, 1841 McLeod, James, Charlottetown, P E I 1873 Manitou, Col 1874 Alexandria, O 1885 Mansonville, Q 1860 Pictou, N S 1857
McArthur, J., Winnipeg 1885 McBain, John, Martintown, O 1874	McMeekin, J. W., St. Catharines, O 1885
McCallum Duncan C Martintown, O 1874	McMicking, George, Goderich, O 1851
McCallum, Duncan C., Montreal 1850	McMillan, Æneas J., Manitou, Col 1874
McCann, J. J., B.A., Hopkinton, Mass 1878	McMillan, D. L., Alexandria O 200-
McCarthy, W., Chicago, Ill 1867	McMillan, Louis I A. Alexandria, O 1885
McBain, John, McCallum, Duncan C., McCanthy, W., McCarthy, W., McConkey, T. C., McConnell, John B., McCord, John D., McCormack, N., McCormack, N., McCormick, Andrew G., McCormick, G., McCormick, G., Martintown, O. 1874 Montreal 1852 Montreal	McMillan, Louis J. A., Mansonville, Q 1860 McMillan, John, Pictou, N S 1857
* McConkey, T. C., 1872	McMurray Samuel
McConnell, John B., Montreal 1873	* McNaughton, E. P., 1841
* McCord, John D.,	McNee Stewart
McCorkill, R. K. C., East Farnham, Q 1882	McNeece Tomas
McCormack, N., Pembroke, O 1885	McNeil Ernest V. 1869
McCormick, Andrew G., Richmond, Q 1874	McNeil, Ernest, Vermont River, PEI 1870
McCrimmon, Donald A., Lucknow, O 1869	McNulty, M., Brashers Falls, N Y 1880
McCrimmon, John, Kincardine, O 1878	Marquette, Mich 1874
McCrimmon, Milton, Palermo, O 1878	McRae, George,
McCullough, George St Mary's O -8-	Mc aggart, Alexander, London, O 1860
McCorimick, Andrew G., McCrimmon, Donald A., McCrimmon, John, McCrimmon, Milton, McCullough, George, St. Mary's, O 1879  * McCullough, Michael, [Hon.]  McCully, Oscar L. M. A. Reje Verte.	* McVean, John M.,
McCully, Oscar J. M. A., Baie Verte,	Madill, John, Alliston, O 1867
No of the state of	Maher, J. J. E., Yew York 1883
McCurdy John Chail N B 1879	Major, George W., B.A., Montreal 1871
McCurdy, John, Chatham, N B 1866	Malcolm, John Rolph, Scotland, O 1861
McDermid, Wm., Dunvagan, O 1875	* Malhiot, Alfred,
McDiarmid, Donald, Athol, O 1867	Malloch, Edward C., Ottawa, O 1863
McDiarmid, James, Hensall, O 1873	* Malloch, William B.
McDonald, Alex., Paisley, O 1883	Mallory, Albert E., Warkworth, O 1872
McCurdy, John, McDermid, Wm., McDiarmid, Donald, McDiarmid, James, McDonald, Alex., McDonald, H. J., McDonald, H. J., McDonald, H. J., McDonald, H. J.,	* McRae, George, McTaggart, Alexander, * McVean, John M., Madill, John, Maher, J. J. E., Major, George W., B. A., Malooth, John Rolph, * Malhiot, Alfred, Malloch, Edward C., Marloch, William B., Mallory, Albert E., Marceau, Louis T., Markell, Richard S., * Marr, Israel P., Marr, Israel P., Marston, Alonzo W., McCagart, Alexander, 1876  London, O 1866  Yew York 1881  Scotland, O 1867  Warkworth, O 1872  Napierville, O 1872  Napierville, O 1872  Napierville, O 1872  Napierville, O 1872  Marston, Alonzo W., Marston, Alonzo W., Hull, O 1872
	Markell Richard S Claverdel C. 1872
McDonald, Jos. D. A , Acton Vale, Q 1873	Markell, Richard S., Cloverdale, Cal 1867
McDonald, Jos. D. A., McDonald, R. C., McDonald, Roderick, McDonald, Alex P.	Marr, Israel P.,
McDonald, Roderick, Cornwall, O 1834	Marr, Walter H., W 33rd St. N. York 1859
McDonald, Alex. R., Trinity, Texas 1882	Marston, Alonzo W., Hull, Q 1871
McDonnell, Alex R Alexandria O -0-	Marston, John J., U.S. Army 1863
McDonnell, Angus C., Montreal 1852	Marston, John J., Martel, Ovide, Mason, J. L., M.A., Brailsford, Derby,
McDonnell, Angus C., Montreal 1852 McDougall, Peter A., Ottawa, O 1864	Mason, J. L., M.A., Brailsford, Derby,
* McDougall Peter A., Ottawa, O 1864	Eng. 1862
* McDougall, Peter A., McEachran, W., Winnipeg, Man 1880	Mattice, Rich. J., Cornwall, O 1875
McLachran, W., Winnipeg, Man 1880	Mathieson, John H. St. Mary's, O 1871
McEwan, Findlay, Carlton Place, O 1870	* Mathieson, Neil,
Lowell, Mass 1881	Mayrand, William, St. Andrews, O 1847
McGannon, M. C., Brockville, O 1885	Meahan, J. C., Bathurst, N.B. 1884
Drummondville O 1857	Meane, John. Staff Srg. Mai Army 1860
Drummondville O 1857	Meane, John, Staff Srg. Maj. Army 1869 Meek, Jas. A., 20 W. 25th St. New York
McGeachy, Villiam, Iona, O 1857 McGill, William, 2018	† Mathieson, John H, St. Mary's, O 1871 * Mathieson, Neil, * Mayrand, William, St. Andrews, Q 1874 Meahan, J. C., Meane, John, Staff Srg. Maj. Army 1869 Meck, Jas. A., 20 W. 25th St. New York 1875 * Meight Malcolm R.
McGachy, William, Iona, O 1867 McGill, William, 1848  * McGillivray, Donald.	
McGachy, William, Iona, O 1867 McGill, William, 1848  * McGillivray, Donald.	
McGearry, James, Drummondville, O 1857 McGeilly, William, Iona, O 1867 McGill, William, 1848 McGillivray, Donald, 1861 McGowan, Henry W., McGrath, Thomas	Menzies, John B., Ft. Gratiot, Mich 1879  * Meredith, Thomas L. B., 1842
McGearry, James, Drummondville, O 1857 McGeilly, William, Iona, O 1867 McGill, William, 1848 McGillivray, Donald, 1861 McGowan, Henry W., McGrath, Thomas	Menzies, John B., Ft. Gratiot, Mich 1879  * Meredith, Thomas L. B., 1842
McGearry, James, Drummondville, O 1857 McGeilly, William, Iona, O 1867 McGill, William, 1848 McGillivray, Donald, 1861 McGowan, Henry W., McGrath, Thomas	Menzies, John B., Ft. Gratiot, Mich 1879  * Meredith, Thomas L. B., 1842
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McGeachy, William, McGill, William, McGill, William, McGowan, Henry W., McGrath, Thomas, McGuigan, W. J., McGuigan, W. J., McGuigan, W. J., McGuire, Bernard D., McGuire, Bernard D., McGuire, M	Menzies, John B., Ft. Gratiot, Mich 1879  * Meredith, Thomas L. B., 1842
McGeachy, William, McGill, William, McGill, William, McGowan, Henry W., McGrath, Thomas.  *McGegor, Duncan, McGuigan, W. J., *McGuigan, W. J., *McHarney Lamse P. McHarney Lam	Menzies, John B., Ft. Gratiot, Mich 1879  * Meredith, Thomas L. B., 1842
McGeachy, William, McGill, William, McGill, William, McGowan, Henry W., McGrath, Thomas.  *McGegor, Duncan, McGuigan, W. J., *McGuigan, W. J., *McHarney Lamse P. McHarney Lam	Menzies, John B., Ft. Gratiot, Mich 1879  * Meredith, Thomas L. B., 1842
McGeachy, William, McGill, William, McGill, William, McGowan, Henry W., McGrath, Thomas.  *McGegor, Duncan, McGuigan, W. J., *McGuigan, W. J., *McHarney Lamse P. McHarney Lam	Menzies, John B., Ft. Gratiot, Mich 1879  * Meredith, Thomas L. B., 1842 Merritt, D. P., B. A., Fitzroy Harbor, O 1884 Metcalfe, Henry J., Thurso, Q 1876 Mewburn, F. H., Winnipeg, Man 1881 Mignault, L. D., B.A., Montreal 1880 Milles, R., Surg. N. W. Mounted Police, Battleford, N. W. T. 1879
McGeachy, William, McGill, William, McGill, William, McGowan, Henry W., McGrath, Thomas.  *McGegor, Duncan, McGuigan, W. J., *McGuigan, W. J., *McHarney Lamse P. McHarney Lam	Menzies, John B., Ft. Gratiot, Mich 1879  * Meredith, Thomas L. B., 1842 Merritt, D. P., B. A., Fitzroy Harbor, O 1884 Metcalfe, Henry J., Thurso, Q 1876 Mewburn, F. H., Winnipeg, Man 1881 Mignault, L. D., B.A., Montreal 1880 Milles, R., Surg. N. W. Mounted Police, Battleford, N. W. T. 1879
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McGeachy, William, McGill, William, McGill, William, McGowan, Henry W., McGrath, Thomas. McGowan, Henry W., McGrath, Thomas. McGuigan, W. J., McIncerney, James P., McInerney, James P., McInerney, James P., McIntosh, Donald J., McIntysh, James, McIntosh, Donald J., McIntysh, James, McIntosh, Donald J., McIntysh, James, McIntosh, Donald J., McKelcan, George Lloyd, McKelcan, George Lloyd, McKelcan, George Lloyd, McKenzie, J. T., McKenzie, B. E., B.A., McKenzie O 1885  Prummondville, O 1857  1846  1847  1846  1847	Menzies, John B.,  * Meredith, Thomas L. B.,  * Meredith, Thomas L. B.,  Merritt, D. P., B. A., Fitzroy Harbor, O. 1884  Metcalfe, Henry J.,  Mewburn, F. H.,  Mignault, Henri A.,  Mignault, L. D., B.A.,  Milles, R., Surg. N. W. Mounted Police,  Battleford, N. W. T.  Mills, Thos. W., M.A.,  Miner, Frank L.,  *Mines, William W.,  Mitchell, Fred. H.,  Moffatt, John Edw.,  Moffatt, Walter,  Molson, Wm. A.,  Moureal 1874  Winnipeg, Man 1887  Montreal 1878  Morrie 1878  Morrie 1878  Miner, Frank L.,  *Miner, Frank L.,  Moffatt, John Edw.,  Moffatt, Walter,  Moffat, Walter,  Molson, Wm. A.,  Moureal 1874  Winnipeg, Man 1887  Mercorrie 1874  Winnipeg, Man 1887  Mercorrie 1874  Miner, Frank L.,  Morrie 1878  Morrie 1879  Morrie 1870  Miner, Frank L.,  Morrie 1879  Morrie 1870  Morrie
McGeachy, William, McGill, William, McGill, William, McGowan, Henry W., McGrath, Thomas. McGowan, Henry W., McGrath, Thomas. McGuigan, W. J., McIncerney, James P., McInerney, James P., McInerney, James P., McIntosh, Donald J., McIntysh, James, McIntosh, Donald J., McIntysh, James, McIntosh, Donald J., McIntysh, James, McIntosh, Donald J., McKelcan, George Lloyd, McKelcan, George Lloyd, McKelcan, George Lloyd, McKenzie, J. T., McKenzie, B. E., B.A., McKenzie O 1885  Prummondville, O 1857  1846  1847  1846  1847	Menzies, John B.,  * Meredith, Thomas L. B.,  * Meredith, Thomas L. B.,  Merritt, D. P., B. A., Fitzroy Harbor, O. 1884  Metcalfe, Henry J.,  Mewburn, F. H.,  Mignault, Henri A.,  Mignault, L. D., B.A.,  Milles, R., Surg. N. W. Mounted Police,  Battleford, N. W. T.  Mills, Thos. W., M.A.,  Miner, Frank L.,  *Mines, William W.,  Mitchell, Fred. H.,  Moffatt, John Edw.,  Moffatt, Walter,  Molson, Wm. A.,  Moureal 1874  Winnipeg, Man 1887  Montreal 1878  Morrie 1878  Morrie 1878  Miner, Frank L.,  *Miner, Frank L.,  Moffatt, John Edw.,  Moffatt, Walter,  Moffat, Walter,  Molson, Wm. A.,  Moureal 1874  Winnipeg, Man 1887  Mercorrie 1874  Winnipeg, Man 1887  Mercorrie 1874  Miner, Frank L.,  Morrie 1878  Morrie 1879  Morrie 1870  Miner, Frank L.,  Morrie 1879  Morrie 1870  Morrie
McGeachy, William, McGill, William, McGill, William, McGowan, Henry W., McGrath, Thomas. McGowan, Henry W., McGrath, Thomas. McGuigan, W. J., McIncerney, James P., McInerney, James P., McInerney, James P., McIntosh, Donald J., McIntysh, James, McIntosh, Donald J., McIntysh, James, McIntosh, Donald J., McIntysh, James, McIntosh, Donald J., McKelcan, George Lloyd, McKelcan, George Lloyd, McKelcan, George Lloyd, McKenzie, J. T., McKenzie, B. E., B.A., McKenzie O 1885  Prummondville, O 1857  1846  1847  1846  1847	Menzies, John B.,  * Meredith, Thomas L. B.,  * Meredith, Thomas L. B.,  Merritt, D. P., B. A., Fitzroy Harbor, O. 1884  Metcalfe, Henry J.,  Mignault, Henri A.,  Mignault, Henri A.,  Mignault, L. D., B.A.,  Milles, R., Surg. N. W.  Mounted Police,  Battleford, N. W. T. 1870  Mills, Thos. W., M.A.,  Miner, Frank L.,  *Miner, Frank L.,  *Mines, William W.,  Mitchell, Fred. H.,  Moffat, John Edw.,  Moffat, Walter,  Moffat, Walter,  Moffat, Walter,  Moffat, Walter,  Mongenais, Napoleon,  Monreal 1874  Winnipeg, Man 1878  Staff Surg. Army 1861  Pensacola, Fla 1852  Montreal 1874  Winnipeg, Man 1878  Staff Surg. Army 1861  Pensacola, Fla 1852  Montreal 1874  Winnipeg, Man 1878  Staff Surg. Army 1861  Pensacola, Fla 1852  Montreal 1874  Winnipeg, Man 1878  Staff Surg. Army 1861  Pensacola, Fla 1852  Montreal 1874  Winnipeg, Man 1878  Staff Surg. Army 1861  Pensacola, Fla 1852  Montreal 1874  Winnipeg, Man 1878  Staff Surg. Army 1861  Pensacola, Fla 1852  Montreal 1874  Winnipeg, Man 1878  Staff Surg. Army 1861  Pensacola, Fla 1852  Montreal 1874  Winnipeg, Montreal 1878  Device of the properties of the prop
McGeachy, William, McGill, William, McGill, William, McGowan, Henry W., McGrath, Thomas. McGowan, Henry W., McGrath, Thomas. McGuigan, W. J., McIncerney, James P., McInerney, James P., McInerney, James P., McIntosh, Donald J., McIntysh, James, McIntosh, Donald J., McIntysh, James, McIntosh, Donald J., McIntysh, James, McIntosh, Donald J., McKelcan, George Lloyd, McKelcan, George Lloyd, McKelcan, George Lloyd, McKenzie, J. T., McKenzie, B. E., B.A., McKenzie O 1885  Prummondville, O 1857  1846  1847  1846  1847	Menzies, John B.,  * Meredith, Thomas L. B.,  * Meredith, Thomas L. B.,  Merritt, D. P., B. A., Fitzroy Harbor, O. 1884  Metcalfe, Henry J.,  Mignault, Henri A.,  Mignault, Henri A.,  Mignault, L. D., B.A.,  Milles, R., Surg. N. W.  Mounted Police,  Battleford, N. W. T. 1870  Mills, Thos. W., M.A.,  Miner, Frank L.,  *Miner, Frank L.,  *Mines, William W.,  Mitchell, Fred. H.,  Moffat, John Edw.,  Moffat, Walter,  Moffat, Walter,  Moffat, Walter,  Moffat, Walter,  Mongenais, Napoleon,  Monreal 1874  Winnipeg, Man 1878  Staff Surg. Army 1861  Pensacola, Fla 1852  Montreal 1874  Winnipeg, Man 1878  Staff Surg. Army 1861  Pensacola, Fla 1852  Montreal 1874  Winnipeg, Man 1878  Staff Surg. Army 1861  Pensacola, Fla 1852  Montreal 1874  Winnipeg, Man 1878  Staff Surg. Army 1861  Pensacola, Fla 1852  Montreal 1874  Winnipeg, Man 1878  Staff Surg. Army 1861  Pensacola, Fla 1852  Montreal 1874  Winnipeg, Man 1878  Staff Surg. Army 1861  Pensacola, Fla 1852  Montreal 1874  Winnipeg, Man 1878  Staff Surg. Army 1861  Pensacola, Fla 1852  Montreal 1874  Winnipeg, Montreal 1878  Device of the properties of the prop
McGeachy, William, McGill, William, McGill, William, McGowan, Henry W., McGrath, Thomas. McGowan, Henry W., McGrath, Thomas. McGuigan, W. J., McIncerney, James P., McInerney, James P., McInerney, James P., McIntosh, Donald J., McIntysh, James, McIntosh, Donald J., McIntysh, James, McIntosh, Donald J., McIntysh, James, McIntosh, Donald J., McKelcan, George Lloyd, McKelcan, George Lloyd, McKelcan, George Lloyd, McKenzie, J. T., McKenzie, B. E., B.A., McKenzie O 1885  Prummondville, O 1857  1846  1847  1846  1847	Menzies, John B.,  * Meredith, Thomas L. B.,  * Meredith, Thomas L. B.,  * Meredith, Thomas L. B.,  * Merritt, D. P., B. A., Fitzroy Harbor, O. 1884  Metcalfe, Henry J.,  Mewburn, F. H.,  Mignault, Henri A.,  Monitreal 1889  Montreal 1889  Montreal 1879  Montreal 1879  Montreal 1878  Abercorn, Q. 1877  Winnipeg, Man 1878  Abercorn, Q. 1877  Winnipeg, Man 1878  Staff Surg. Army 1861  Pensacola, Fla 1852  Montreal 1874  Winnipeg, Man 1878  Staff Surg. Army 1861  Pensacola, Fla 1852  Montreal 1874  Montreal 1874  Montreal 1876  October 1870  Staff Surg. Army 1861  Pensacola, Fla 1852  Montreal 1874  Montreal 1874  Rigaud, Q. 1865  Dillonton, Q. 1875  London, O. 1875  London, O. 1874  Moore, Lehiel T.,  Moore, Lehiel T.,  Moore, Lehiel T.,  Moore, Lehiel T.,  Merritt, D. P., B. A.,  Ft. Gratiot, Mich 1879  1842  Mistalla 1842  Winnipeg, Man 1881  Staff Surg. Army 1861  Pensacola, Fla 1852  Montreal 1874  Montreal 1878  Dillonton, Q. 1875  London, O. 1875
McGeachy, William, McGill, William, McGill, William, McGowan, Henry W., McGrath, Thomas. McGeuigan, W. J., McGuigan, W. J., McInerney, James P., McInerney, James P., McInerney, James P., McIntosh, Donald J., McIntosh, Donald J., McIntysh, James, McIntosh, Donald J., McKekcan, George Lloyd, McKekcan, George Lloyd, McKenzie, J. T., McKenzie, B. E., B.A., McKenzie, K. A. J., McKexy, John, McKay, Walter, McKinley, John K., McKinley, John K., McKinley, John K., McKay, Walter, McKinley, John K., McKay, John, McKen, Peter, McKinley, John K., McKay, John, McKen, Peter, McKinley, John K., McKay, John, McKen, Peter, McKenell, P. E. J. 1869 McGeachy, William, Jona, 01867 1846 Beebe Plain, Q 1867 1867 1867 1868  Beebe Plain, Q 1867 1867 1869 1867 1869 1867 1869 1869 1869 1871 1867 1867 1869 1871 1872 1873 1869 1869 1871 1872 1873 1873 1873 1873 1873 1873 1873 1874 1874 1874 1874 1874 1874 1874 1874	Menzies, John B.,  * Meredith, Thomas L. B.,  * Meredith, Thomas L. B.,  * Meredith, Thomas L. B.,  * Merritt, D. P., B. A., Fitzroy Harbor, O. 1884  Metcalfe, Henry J.,  Mewburn, F. H.,  Mignault, Henri A.,  Monitreal 1889  Montreal 1889  Montreal 1879  Montreal 1879  Montreal 1878  Abercorn, Q. 1877  Winnipeg, Man 1878  Abercorn, Q. 1877  Winnipeg, Man 1878  Staff Surg. Army 1861  Pensacola, Fla 1852  Montreal 1874  Winnipeg, Man 1878  Staff Surg. Army 1861  Pensacola, Fla 1852  Montreal 1874  Montreal 1874  Montreal 1876  October 1870  Staff Surg. Army 1861  Pensacola, Fla 1852  Montreal 1874  Montreal 1874  Rigaud, Q. 1865  Dillonton, Q. 1875  London, O. 1875  London, O. 1874  Moore, Lehiel T.,  Moore, Lehiel T.,  Moore, Lehiel T.,  Moore, Lehiel T.,  Merritt, D. P., B. A.,  Ft. Gratiot, Mich 1879  1842  Mistalla 1842  Winnipeg, Man 1881  Staff Surg. Army 1861  Pensacola, Fla 1852  Montreal 1874  Montreal 1878  Dillonton, Q. 1875  London, O. 1875
McGeachy, William, McGill, William, McGill, William, McGowan, Henry W., McGrath, Thomas. McGeuigan, W. J., McGuigan, W. J., McInerney, James P., McInerney, James P., McInerney, James P., McIntosh, Donald J., McIntosh, Donald J., McIntysh, James, McIntosh, Donald J., McKekcan, George Lloyd, McKekcan, George Lloyd, McKenzie, J. T., McKenzie, B. E., B.A., McKenzie, K. A. J., McKexy, John, McKay, Walter, McKinley, John K., McKinley, John K., McKinley, John K., McKay, Walter, McKinley, John K., McKay, John, McKen, Peter, McKinley, John K., McKay, John, McKen, Peter, McKinley, John K., McKay, John, McKen, Peter, McKenell, P. E. J. 1869 McGeachy, William, Jona, 01867 1846 Beebe Plain, Q 1867 1867 1867 1868  Beebe Plain, Q 1867 1867 1869 1867 1869 1867 1869 1869 1869 1871 1867 1867 1869 1871 1872 1873 1869 1869 1871 1872 1873 1873 1873 1873 1873 1873 1873 1874 1874 1874 1874 1874 1874 1874 1874	Menzies, John B.,  * Meredith, Thomas L. B.,  * Meredith, Thomas L. B.,  * Meredith, Thomas L. B.,  * Merritt, D. P., B. A., Fitzroy Harbor, O. 1884  Metcalfe, Henry J.,  Mewburn, F. H.,  Mignault, Henri A.,  Monitreal 1889  Montreal 1889  Montreal 1879  Montreal 1879  Montreal 1878  Abercorn, Q. 1877  Winnipeg, Man 1878  Abercorn, Q. 1877  Winnipeg, Man 1878  Staff Surg. Army 1861  Pensacola, Fla 1852  Montreal 1874  Winnipeg, Man 1878  Staff Surg. Army 1861  Pensacola, Fla 1852  Montreal 1874  Montreal 1874  Montreal 1876  October 1870  Staff Surg. Army 1861  Pensacola, Fla 1852  Montreal 1874  Montreal 1874  Rigaud, Q. 1865  Dillonton, Q. 1875  London, O. 1875  London, O. 1874  Moore, Lehiel T.,  Moore, Lehiel T.,  Moore, Lehiel T.,  Moore, Lehiel T.,  Merritt, D. P., B. A.,  Ft. Gratiot, Mich 1879  1842  Mistalla 1842  Winnipeg, Man 1881  Staff Surg. Army 1861  Pensacola, Fla 1852  Montreal 1874  Montreal 1878  Dillonton, Q. 1875  London, O. 1875
McGeachy, William, McGill, William, McGill, William, McGowan, Henry W., McGrath, Thomas. McGuigan, W. J., McGuire, Bernard D., McIntosh, Donald J., McInnes, Walter J., McInnes, Walter J., McIntosh, Donald J., McIntosh, Donald J., McIntosh, Donald J., McKenzie, J. T., McKenzie, B. E., B.A., McKenzie, B. E., B.A., McKay, John, McKay, Walter, McKay, John, McKay, Walter, McKaren, Peter, McLaren, Peter, McRightway, Donald, 1849 1846 1846 1846 1846 1846 1846 1846 1846	Menzies, John B.,  * Meredith, Thomas L. B.,  * Meredith, Thomas L. B.,  * Meredith, Thomas L. B.,  * Merritt, D. P., B. A., Fitzroy Harbor, O. 1884  Metcalfe, Henry J.,  Mewburn, F. H.,  Mignault, Henri A.,  Monitreal 1889  Montreal 1889  Montreal 1879  Montreal 1879  Montreal 1878  Abercorn, Q. 1877  Winnipeg, Man 1878  Abercorn, Q. 1877  Winnipeg, Man 1878  Staff Surg. Army 1861  Pensacola, Fla 1852  Montreal 1874  Winnipeg, Man 1878  Staff Surg. Army 1861  Pensacola, Fla 1852  Montreal 1874  Montreal 1874  Montreal 1876  October 1870  Staff Surg. Army 1861  Pensacola, Fla 1852  Montreal 1874  Montreal 1874  Rigaud, Q. 1865  Dillonton, Q. 1875  London, O. 1875  London, O. 1874  Moore, Lehiel T.,  Moore, Lehiel T.,  Moore, Lehiel T.,  Moore, Lehiel T.,  Merritt, D. P., B. A.,  Ft. Gratiot, Mich 1879  1842  Mistalla 1842  Winnipeg, Man 1881  Staff Surg. Army 1861  Pensacola, Fla 1852  Montreal 1874  Montreal 1878  Dillonton, Q. 1875  London, O. 1875
McGeachy, William, McGill, William, McGill, William, McGowan, Henry W., McGrath, Thomas. McGuigan, W. J., McGuire, Bernard D., McIntosh, Donald J., McInnes, Walter J., McInnes, Walter J., McIntosh, Donald J., McIntosh, Donald J., McIntosh, Donald J., McKenzie, J. T., McKenzie, B. E., B.A., McKenzie, B. E., B.A., McKay, John, McKay, Walter, McKay, John, McKay, Walter, McKaren, Peter, McLaren, Peter, McRightway, Donald, 1849 1846 1846 1846 1846 1846 1846 1846 1846	Menzies, John B.,  * Meredith, Thomas L. B.,  * Meredith, Thomas L. B.,  * Meredith, Thomas L. B.,  * Merritt, D. P., B. A., Fitzroy Harbor, O. 1884  Metcalfe, Henry J.,  Mewburn, F. H.,  Mignault, Henri A.,  Monitreal 1889  Montreal 1889  Montreal 1879  Montreal 1879  Montreal 1878  Abercorn, Q. 1877  Winnipeg, Man 1878  Abercorn, Q. 1877  Winnipeg, Man 1878  Staff Surg. Army 1861  Pensacola, Fla 1852  Montreal 1874  Winnipeg, Man 1878  Staff Surg. Army 1861  Pensacola, Fla 1852  Montreal 1874  Montreal 1874  Montreal 1876  October 1870  Staff Surg. Army 1861  Pensacola, Fla 1852  Montreal 1874  Montreal 1874  Rigaud, Q. 1865  Dillonton, Q. 1875  London, O. 1875  London, O. 1874  Moore, Lehiel T.,  Moore, Lehiel T.,  Moore, Lehiel T.,  Moore, Lehiel T.,  Merritt, D. P., B. A.,  Ft. Gratiot, Mich 1879  1842  Mistalla 1842  Winnipeg, Man 1881  Staff Surg. Army 1861  Pensacola, Fla 1852  Montreal 1874  Montreal 1878  Dillonton, Q. 1875  London, O. 1875
McGeachy, William, McGill, William, McGill, William, McGowan, Henry W., McGrath, Thomas. McGuigan, W. J., McGuire, Bernard D., McIntosh, Donald J., McInnes, Walter J., McInnes, Walter J., McIntosh, Donald J., McIntosh, Donald J., McIntosh, Donald J., McKenzie, J. T., McKenzie, B. E., B.A., McKenzie, B. E., B.A., McKay, John, McKay, Walter, McKay, John, McKay, Walter, McKaren, Peter, McLaren, Peter, McRightway, Donald, 1849 1846 1846 1846 1846 1846 1846 1846 1846	Menzies, John B.,  * Meredith, Thomas L. B.,  * Meredith, Thomas L. B.,  Merritt, D. P., B. A., Fitzroy Harbor, O. 1884  Metcalfe, Henry J.,  Mewburn, F. H.,  Mignault, Henri A.,  Mignault, L. D., B.A.,  Milles, R., Surg. N. W.  Mounted Police,  Battleford, N. W. T.  *Miner, Frank L.,  *Miner, Frank L.,  *Mines, William W.,  Mitchell, Fred. H.,  Moffatt, John Edw.,  Moffatt, John Edw.,  Moffatt, Walter,  Molson, Wm. A.,  Mongenais, Napoleon,  Monk, George H.,  Moore, Charles S.,  Moore, Charles S.,  Moore, Charles C.,  Moore, Richard,  Moore, Richard,  Moore, Richard,  Moore, William,  Moore, William,  Algonac, Mich. 1879  1842  1842  Winnipeg, Man 1881  St. Denis, O. 1880  Montreal 1878  Montreal 1878  Metritty O. 1870  Winnipeg, Man 1881  St. Denis, O. 1880  Winnipeg, Man 1881  St. Pall, Winnipeg, Man 1881  Montreal 1879  Metritty O. 1884  Montreal 1878  Metritty O. 1886  Minnipeg, Man 1881  St. Denis, O. 1880  Minnipeg, Man 1881  St. Denis, O. 1886  Minnipeg, Man 1881  St. Denis, O. 1886  Minnipeg, Man 1881  Minnipeg, Man 1881  St. Denis, O. 1886  Minnipeg, Man 1881  St. Denis, O. 1886  Minnipeg, Man 1881  Metritty O. 1884  Minnipeg, Man 1881  St. Denis, O. 1886  Minnipeg, Man 1881  Minnipeg, Man 1881  Minnipeg, Man 1881  M
McGeachy, William, McGill, William, McGill, William, McGowan, Henry W., McGrath, Thomas. McGuigan, W. J., McGuire, Bernard D., McIntosh, Donald J., McInnes, Walter J., McInnes, Walter J., McIntosh, Donald J., McIntosh, Donald J., McIntosh, Donald J., McKenzie, J. T., McKenzie, B. E., B.A., McKenzie, B. E., B.A., McKay, John, McKay, Walter, McKay, John, McKay, Walter, McKaren, Peter, McLaren, Peter, McRightway, Donald, 1849 1846 1846 1846 1846 1846 1846 1846 1846	Menzies, John B.,  * Meredith, Thomas L. B.,  * Meredith, Thomas L. B.,  Merritt, D. P., B. A., Fitzroy Harbor, O. 18842  Metcalfe, Henry J.,  Mewburn, F. H.,  Mignault, Henri A.,  Montreal 1880  Montreal 1880  Montred Police,  Battleford, N. W. T. 1870  Montred, N. W. T. 1870  Montred, Frank L.,  *Mines, William W.,  Mitchell, Fred. H.,  Moffat, John Edw.,  Moffat, Walter,  Mosfat, Walter,  Moson, George H.,  Moore, Charles S.,  Moore, Charles S.,  Moore, Richard,  Moore, Richard,  Moore, Richard,  Moore, Richard,  Moore, William,  *Morin, 1985, Hon.].
McGeachy, William, McGill, William, McGill, William, McGowan, Henry W., McGrath, Thomas. McGeagor, Duncan, McGuigan, W. J., McInerney, James P., McInerney, James P., McInerney, James, McIntosh, Donald J., McIntosh, Donald J., McIntyre, Peter A., McKenzie, J. T., McKenzie, B. E., B.A., McKenzie, B. E., B.A., McKay, John, McKay, Walter, McKay, Walter, McLaren, Peter, McLaren, Peter	Menzies, John B.,  * Meredith, Thomas L. B.,  * Meredith, Thomas L. B.,  Merritt, D. P., B. A., Fitzroy Harbor, O. 18842  Metcalfe, Henry J.,  Mewburn, F. H.,  Mignault, Henri A.,  Montreal 1880  Montreal 1880  Montred Police,  Battleford, N. W. T. 1870  Montred, N. W. T. 1870  Montred, Frank L.,  *Mines, William W.,  Mitchell, Fred. H.,  Moffat, John Edw.,  Moffat, Walter,  Mosfat, Walter,  Moson, George H.,  Moore, Charles S.,  Moore, Charles S.,  Moore, Richard,  Moore, Richard,  Moore, Richard,  Moore, Richard,  Moore, William,  *Morin, 1985, Hon.].
McGeachy, William, McGill, William, McGill, William, McGowan, Henry W., McGrath, Thomas. McGeagor, Duncan, McGuigan, W. J., McInerney, James P., McInerney, James P., McInerney, James, McIntosh, Donald J., McIntosh, Donald J., McIntyre, Peter A., McKenzie, J. T., McKenzie, B. E., B.A., McKenzie, B. E., B.A., McKay, John, McKay, Walter, McKay, Walter, McLaren, Peter, McLaren, Peter	Menzies, John B.,  * Meredith, Thomas L. B.,  * Meredith, Thomas L. B.,  Merritt, D. P., B. A., Fitzroy Harbor, O. 18842  Metritt, D. P., B. A., Fitzroy Harbor, O. 18842  Metritt, D. P., B. A., Fitzroy Harbor, O. 18842  Metritt, D. P., B. A., Fitzroy Harbor, O. 18842  Miles, R., Surg. N. W. Mounted Police,  Milles, R., Surg. N. W. Mounted Police,  Mills, Thos. W., M.A.,  Miner, Frank L.,  *Miner, Frank L.,  *Miner, Frank L.,  *Mines, William W.,  Mitchell, Fred. H.,  Moffat, John Edw.,  Moffat, Walter,  Moster, Rigaud, O. 18874  Mongenais, Napoleon,  Mongenais, Napoleon,  Mongenais, Napoleon,  Moore, Charles S.,  Moore, Charles S.,  Moore, Pichiel T.,  Moore, Richard,  Moore, Robert C.,  Moore, William 1869  Magonac, Mich 1879  Metzonia 1884  Minnipeg, Man 1881  **Mortison, David R.,  1852  Montreal 18874  Minnipeg, Man 1887  **Mortison, Parither of the Minnipeg, Man 1887  **Mortison, William W.,  **Miles, Thos. W., M.A.,  Montreal 1889  Montreal 1889  Montreal 1889  Montreal 1887  Montreal 1889  Montreal 1879  Montreal 1889  Mo
McGeachy, William, McGill, William, McGill, William, McGowan, Henry W., McGrath, Thomas. McGeagor, Duncan, McGuigan, W. J., McInerney, James P., McInerney, James P., McInerney, James, McIntosh, Donald J., McIntosh, Donald J., McIntyre, Peter A., McKenzie, J. T., McKenzie, B. E., B.A., McKenzie, B. E., B.A., McKay, John, McKay, Walter, McKay, Walter, McLaren, Peter, McLaren, Peter	Menzies, John B.,  * Meredith, Thomas L. B.,  * Meredith, Thomas L. B.,  Merritt, D. P., B. A., Fitzroy Harbor, O. 18842  Metritt, D. P., B. A., Fitzroy Harbor, O. 18842  Metritt, D. P., B. A., Fitzroy Harbor, O. 18842  Metritt, D. P., B. A., Fitzroy Harbor, O. 18842  Miles, R., Surg. N. W. Mounted Police,  Milles, R., Surg. N. W. Mounted Police,  Mills, Thos. W., M.A.,  Miner, Frank L.,  *Miner, Frank L.,  *Miner, Frank L.,  *Mines, William W.,  Mitchell, Fred. H.,  Moffat, John Edw.,  Moffat, Walter,  Moster, Rigaud, O. 18874  Mongenais, Napoleon,  Mongenais, Napoleon,  Mongenais, Napoleon,  Moore, Charles S.,  Moore, Charles S.,  Moore, Pichiel T.,  Moore, Richard,  Moore, Robert C.,  Moore, William 1869  Magonac, Mich 1879  Metzonia 1884  Minnipeg, Man 1881  **Mortison, David R.,  1852  Montreal 18874  Minnipeg, Man 1887  **Mortison, Parither of the Minnipeg, Man 1887  **Mortison, William W.,  **Miles, Thos. W., M.A.,  Montreal 1889  Montreal 1889  Montreal 1889  Montreal 1887  Montreal 1889  Montreal 1879  Montreal 1889  Mo
McGeachy, William, McGill, William, McGill, William, McGowan, Henry W., McGrath, Thomas. McGeagor, Duncan, McGuigan, W. J., McInerney, James P., McInerney, James P., McInerney, James, McIntosh, Donald J., McIntosh, Donald J., McIntyre, Peter A., McKenzie, J. T., McKenzie, B. E., B.A., McKenzie, B. E., B.A., McKay, John, McKay, Walter, McKay, Walter, McLaren, Peter, McLaren, Peter	Menzies, John B.,  * Meredith, Thomas L. B.,  * Meredith, Thomas L. B.,  Merritt, D. P., B. A., Fitzroy Harbor, O. 18842  Metritt, D. P., B. A., Fitzroy Harbor, O. 18842  Metritt, D. P., B. A., Fitzroy Harbor, O. 18842  Metritt, D. P., B. A., Fitzroy Harbor, O. 18842  Miles, R., Surg. N. W. Mounted Police,  Milles, R., Surg. N. W. Mounted Police,  Mills, Thos. W., M.A.,  Miner, Frank L.,  *Miner, Frank L.,  *Miner, Frank L.,  *Mines, William W.,  Mitchell, Fred. H.,  Moffat, John Edw.,  Moffat, Walter,  Moster, Rigaud, O. 18874  Mongenais, Napoleon,  Mongenais, Napoleon,  Mongenais, Napoleon,  Moore, Charles S.,  Moore, Charles S.,  Moore, Pichiel T.,  Moore, Richard,  Moore, Robert C.,  Moore, William 1869  Magonac, Mich 1879  Metzonia 1884  Minnipeg, Man 1881  **Mortison, David R.,  1852  Montreal 18874  Minnipeg, Man 1887  **Mortison, Parither of the Minnipeg, Man 1887  **Mortison, William W.,  **Miles, Thos. W., M.A.,  Montreal 1889  Montreal 1889  Montreal 1889  Montreal 1887  Montreal 1889  Montreal 1879  Montreal 1889  Mo
McGeachy, William, McGill, William, McGill, William, McGowan, Henry W., McImorel, McGowan, Menrad D., McInryel, James P., McHortosh, Donald J., Victoria, O 1859 Vankleek Hill, O 1859 V	Menzies, John B.,  * Meredith, Thomas L. B.,  * Meredith, Thomas L. B.,  Merritt, D. P., B. A., Fitzroy Harbor, O. 18842  Metcalfe, Henry J.,  Mewburn, F. H.,  Mignault, Henri A.,  Mignault, Henri A.,  Mignault, Henri A.,  Mignault, Henri A.,  Milles, R., Surg. N. W.  Montreal 1880  Montreal 1880  Montreal 1880  Montreal 1880  Montreal 1870  Montreal 1877  Monils, Thos. W., M.A.,  Milles, Thos. W., M.A.,  Milles, R., Surg. N. W.  Montreal 1878  Montreal 1878  Abercorn, Q. 1877  Winnipeg, Man 1879  Montreal 1878  Abercorn, Q. 1877  Winnipeg, Man 1878  Staff Surg. Army 1861  Pensacola, Fla 1852  Montreal 1874  Rigaud, Q. 1865  Montreal 1874  Rigaud, Q. 1874  Rigaud, Q. 1875  London, O. 1874  Tilsonburg, O. 1874  Rigaud, Q. 1855  Moore, Charles S.,  Moore, Charles S.,  Moore, Richard,  Moore, Robert C.,  Moore, William,  *Morin, Josh. [Hon.],  *Morrison, David R.,  Morntreal 1889
McGeachy, William, McGill, William, McGill, William, McGowan, Henry W., McGrath, Thomas. McGeagor, Duncan, McGuigan, W. J., McInerney, James P., McInerney, James P., McInerney, James, McIntosh, Donald J., McIntosh, Donald J., McIntyre, Peter A., McKenzie, J. T., McKenzie, B. E., B.A., McKenzie, B. E., B.A., McKay, John, McKay, Walter, McKay, Walter, McLaren, Peter, McLaren, Peter	Menzies, John B.,  * Meredith, Thomas L. B.,  * Meredith, Thomas L. B.,  Merritt, D. P., B. A., Fitzroy Harbor, O. 18842  Metritt, D. P., B. A., Fitzroy Harbor, O. 18842  Metritt, D. P., B. A., Fitzroy Harbor, O. 18842  Metritt, D. P., B. A., Fitzroy Harbor, O. 18842  Miles, R., Surg. N. W. Mounted Police,  Milles, R., Surg. N. W. Mounted Police,  Mills, Thos. W., M.A.,  Miner, Frank L.,  *Miner, Frank L.,  *Miner, Frank L.,  *Mines, William W.,  Mitchell, Fred. H.,  Moffat, John Edw.,  Moffat, Walter,  Moster, Rigaud, O. 18874  Mongenais, Napoleon,  Mongenais, Napoleon,  Mongenais, Napoleon,  Moore, Charles S.,  Moore, Charles S.,  Moore, Pichiel T.,  Moore, Richard,  Moore, Robert C.,  Moore, William 1869  Magonac, Mich 1879  Metzonia 1884  Minnipeg, Man 1881  **Mortison, David R.,  1852  Montreal 18874  Minnipeg, Man 1887  **Mortison, Parither of the Minnipeg, Man 1887  **Mortison, William W.,  **Miles, Thos. W., M.A.,  Montreal 1889  Montreal 1889  Montreal 1889  Montreal 1887  Montreal 1889  Montreal 1879  Montreal 1889  Mo

Muckey, F. S.,

\* Murray, Charles H., B.A., 1876
Musgrove, W. J.,
Nellesn, W. J.,
Nelles, J. M.,
Nelles, John A.,

\* Naleen, Horace, Medford, Minn 1883 Nelles, John A.,

\* Nelson, Horace,

\* Nelson, Wolfred [Hon.]
Nelson, Wolfred D. E.,
Nelson, W.M. F.,
Nesbitt, James A.,
Nicol, Wm. R.,
\* Nicoll, Wm. R.,
\* Norton, Thomas,
Oakley, Wm. D.,
O'Brien, Thomas B. P.,
O'Brien, Robert S.,
O'Brien, David,
\*\*Reafrew, O 1873
Reafrew, O 1873
Reafr O'Brien, Robert S.,
O'Brien, David,
O'Brien, T. J. Pierce,
O'Brien, Timothy,
O'Callaghan, Cornelius H.,
O'Callaghan, T. A., B.A., Wo'ster, Mass O'Callaghan, ...

\* O'Garr, Peter,

\* O'Gonnor, Daniel A.,

Stapleton, Staten
Island, N Y 1859
1849 Odell, William, Minto, Dakota 1882 Milwaukee, Wis 1882 St. Pascal, Q 1866 Montreal 1859 Odell, William,
O'Keefe, Henry,
Ogden, H. V., B.A.,
O'Leary, James,
O'Leary, Patrick,
Oliver, James W.,
O'Reilly, Charles,
Osler, Wm., 131 S. 15th St.,
Palmer, G. F.,
Painchaud, Edward S. L.,
Pallen, Montrose A.,
Palmer, Loran L.,
Palmer, Loran L Palmer, Loran L.,

\* Paquin, Jean M.,

\* Paradis, Henri

\* Paradis, Pierre E., 1843 1846 1877 \* Park, George A., Parke, Charles S., Parker, Rufus S., Quebec 1866 Canton, Mass 1866 \*Patterson, James M.,
Patterson, James M.,
Patterson, James,
Pattee, George,
Pattee, Richard P.,
Patton, Edward K., 1855 Winnipeg, Man 1864 1858 Plantagenet, O 1874 Cayuga, O 1872 Chicago, Ill 1867 Dundas, O 1881 St. Eustache, Q 1852 Cleveland, Ohio 1868 1867 \* Patton, Edward K.,
Pegg, Austin J.,
Pegg, Charles H.,
Perks, W. C.,
Perrault, Victor,
Perrier, John,
Perrigo, James, M.A.,
Phelan, C. J. R.,
Phelan, Joseph P.,
Philip, David L.,
Phippen, S. S. C.,
\*Picault, Chas.,
Pickup, John W.,
Pinsonneault, B.,
\*Pinet, Alexis,
\*Pichelan, Chas.,
Pickup, John W.,
Pinsonneault, B.,
\*Pinet, Alexis,
\*Pichelan, Chas.,
Pickup, John W.,
Pinsonneault, B.,
\*Pinet, Alexis,
\*Pichelan, Chas.,
Pickup, John W.,
Pinsonneault, B.,
\*Pinet, Alexis,
\*Pickup, John W.,
Pinsonneault, B.,
\*Pinet, Alexis,
\*Pickup, John W.,
Pinsonneault, B.,
\*Pinet, Alexis,
\*Pinet, Alexis,
\*Pickup, John W.,
Pinsonneault, B.,
\*Pinet, Alexis,
\*Pinet, Alexis,
\*Pickup, John W.,
Pinsonneault, B.,
\*Pinet, Alexis,
\*Pin \*Pinet, Alexis, Pinet, Alex. R., Poole, H. E., Porteous, Wm., St Laurent, Q 1864 Rossie, N Y 1880 Pembroke, O 1884 Sarnia, O 1860 Ottawa, O 1885 Victoria, B C 1860 Powell, F. H., Powell, Israel Wood,

Powell, Newton W., tipowell, Robert H. W., powers, George W., powers, Lafontaine B., Port Hope, O 1867, Pringle, George, Northfield, Minn 1880, Pringle, A. F., Northfield, Minn 1880, Proudfoot, John S., Proudfoot, John S., Proudfoot, Alex., Proulx, Phileas, Worthfield, Minn 1880, Proudfoot, Alex., Montreal 1869, Montrea \*Reynolds Thomas, Manchester, N H 1842 Richard, Marcel, Mount Pleasant, Minn 1873 Ridley, Henry Thomas, Hamilton, O 1852 \*Riele, Etienne R. E., Riley, Oscar H., Moer's Forks, Clinton Co., N Y 1879 Riptered, David M. Rinfret, Ferdinand R., Quebec \*Rintoul, David M., Richardson, John R., Archer av., Chicago 1865 Toronto, O 1880 Riordan, B. L.,
Ritchie, Arthur F., B.A.,
Ritchie, John L.,
Army Med. Dept. 1874
Roberts, Edward T.,
Roberts, John E., B.A.,
Montague,
Jam., WI 1867 Montague, Iam., W I 1867 Jam., W I 1867.
Brockville, O 1885.
Montague, P E I 1865.
Milton, O 1864. Robertson, A. M., Robertson, James E., Robertson, David, Robertson, David T., Robertson, Patrick, Robilard, Adolphe, Robinson, Stephen J., Robinson, Wesley, Robitaille, Louis. Lennoxville, Q 1857 St Andrews, Q 1867 Ottawa, O 1860 Brantford O 1876 Markham, O 1877. New Carlisle, Q 1860 Quebec 1858 Montreal 1868 Robinson, Wesley,
Robitaille, Louis,
Robitaille, L. T.,
†Roddick, Thomas G.,
Rodger, Thomas A.,
Rogers, E. J. A.,
Rogers, Amos,
Rooney, R. F., Auburn,
†Ross, James, B A.,
Ross, G. T.,
Ross, G. T.,
Ross, W. K.,
Ross, Thomas,
\*Ross, Henry,

Markham, V 1877

New Carlisle, Q 1860
Quebez 183
Montreal 1860
Denver, Col 1881
Ottawa, O 1874
Montreal 1860
Dundas, O 1881
Goderich, O 1883
Goderich, O 1884
Goderich, O 1884
Goderich, O 1884
Goderich, O 1884
Colored 1885
Colored 1886
Colored 1886 \*Ross, Henry, Ross, William G., Ashburt, New Z 1871

*Ross, Wm. D.,	Spear Andrew M D W C a
Ross, J. W., Cohoes, N V 788	Danville, Q 1874
*Ross, Wm. D., Ross, J. W., Rowell, G. B., Abbottsford, Q 1884	Brandon, Man 1870
Rugg, Henry C. Porth & 1884	Spear, Andrew M., Danville, Q 1874 Spencer, R., Brandon, Man 1879 *Squire, William Wood, M.A., Stafford, Fred. L., Little Roy, Md. 1864 Stafford, Fred. L.
*Ross, Wm. D., Ross, J. W., Rowell, G. B., Rugg, Henry C., *Rumsey, William, Rutherford, M. C.,	
Durk of 1 M C	Stanton, George, Stark, George A., *Staunton, Andrew, Stephen, William, Stevens, Alex. D., Stevenson, Charles N., Cognicock C. 2026
Rutherford, M. C., Fergus Falls,	Stark, George A. Milwaukee Wie 20-
Rutherford Clauseden M. A. C. Minn 1879	*Staunton Andrew
Rutherford, Clarendon, M.A., Chicago 1882	Stephen William
Rutledge, And, I., Bayfield O 1880	Stevens Alex D. Montreal, Q 1881
Ruttan, Allen.	Stevens, Alex. D., Dunham, Q 1857
Rutherford, Clarendon, M.A., Chicago 1882 Rutledge, And, J., Ruttan, Allen, Ruttan, A. M., Ruttan, R. F., Sampson, James [Hon], Sanderson, George W., Savage, Thos. V., *Savage, Alex. C., *Savage, James H.,	Stephen, William, Stevens, Alex. D., Stevenson, Charles N., Stevenson, Hans, Stevenson, I. M., Stevens
Putton D E	Stevenson, Hans, Wakefield, O 1880
Montreal 1884	Stevenson, J. M., Bryanston, O 1856
*Sabourin, Moise,	*Stevenson, John L., 1855 *Stevenson, John A., 1873
Sampson, James [Hon], 1847	Stevenson, John L., Stevenson, John A., Stevenson, Robert A., Stewart, Alexander, Stewart, Andrew.
Sanderson, George W., Toronto, O 1850	Stevenson Robert A Streethan 0 073
Savage, Thos. Y., Thistletown O 7874	Stowart Alexander, Strathroy, O 1871
*Savage, Alex. C., Inistition, O 1854 *Savage, Alex. C., 1866 *Schmidt, Samuel B., 1863 *Schofield, David T., 1854	Stewart, Alexander, Palmerston, O 1872
*Sawyer James H	Stewart, Andrew, 1884 3 *Stewart, John Alexander, Stewart, James, Montreal, Q 1869 Stewart, J. O., 1880
*Sawyer, James H.,	*Stewart, John Alexander, 1862
*Schmidt, Samuel B., 1847	Stewart, James, Montreal, O 1860
*Schofield, David T., 1854	Stewart, J. O.
Scott, John G., Hazeldean, Co Carlt, O 1870	Stephenson James Iroquois O 2825
Scott, John G., Hazeldean, Co Carlt, O 1879 Scott, Stephen A., 1854	Stewart, James, Montreal, Q 1869 Stewart, J. O., Stephenson, James, Iroquois, O 1890 Stimpson, Alfred O., Thompson, Pa 1868 St. John, Leonard, Chicago, Ill 1872 Storrs, Arthur, Mexborough, York, Eng 1876 *Strobridge, James Gordon,
*Scott, Wm. E.	St. John Tarred O., Inompson, Pa 1808
Scott, Wm. F. Hall O 204	Storms Anthony Chicago, Ill 1872
Scott W MoF Winning 1875	Storrs, Arthur, Mexborough, York, Eng 1876
Scriven Cooper Avenue Winnipeg, Man 1883	*Strobridge, James Gordon, 1862
Scott, John C., Hazeldean, Co Carlt, O 1879 Scott, Stephen A., Scott, Wm. E., Scott, Wm. F., Scott, W. McE., Scott, W. McE., Scotte, G. Gorge Augustus, Scager, Francis R., Secord, Levi, Scottee, Edward W., Setree, Edward W., Seguin, André, Senkler, A. E., Serviss, T. W., Selina, Frisco Co., Cal 1881	Struthers, A. D., Struthers, R. B., Stroud, Charles S., Stroud, Charles S., Sutherland, Fred, Dupher.
Seager, Francis R., Brigden, O 1870	Struthers, K. B., Rochester, Minn 1880
Secord, Levi, Bright, O 1876	Stroud, Charles S., Norway Benton
Setree, Edward W., Heuvelton N V 1878	Co Town -0.4
Seguin, André. Rigand O 1848	Sutherland Fred Dunber Co., 10Wa 1670
Senkler A E St Daul Minn 206	Cutherland, Fred. Dunbar, 1864
Sarvice T W Callan Friend C 1 1003	Sutherland, Walter, Ormstown, Q 1871
Serviss, 1. W., Senna, Frisco Co., Cal 1881	*Sutherland, William, 1836
Seymour, M. M., Winnipeg, Man 1879	*Sutherland, William, 1870
*Sewell, Stephen C. [ad eun], 1843	Sutherland, William Dunbar, Montreal 1870
Semkler, A. E., St Paul, Minn 1863 Serviss, T. W., Selina, Frisco Co., Cal 1881 Seymour, M. M., Winnipeg, Man 1879 *Sewell, Stephen C. [ad eun], Quebec 1869	Switzer, Egerton R., Saling Ke 1865
Shanks, I. C., Howick O 1881	Tabb Silas F M A Sherbrooks O -06-
Sharp, I. C. Maysville N. B. 1884	*Tait Hanny Thomas
Sharpe Wm South Toleda Ohio 20-	Tarler W. II D. 1 0
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Shaw, Alexander, Watertown, Dak 1882	Taylor, Sullivan A., Gilmanton, N H 1870
Shaw, W. F., Bracebridge, O 1879	Tew, Herbert S., Wakefield, York, Eng 1864
Shaver, Peter Rolph, Stratford, O 1854	Temple, James A., Toronto 1868
Shaver, W. H., Wales, O 1882	Thaver, Linus O., Montreal 1880
*Shaver, R. N., 1857	*Therigult F D
Shibley I I. Varker O . 200	Therien Honore Pedford O -06
Shenhard Francis I	eTherien, Honore, Bedford, Q 1803
Short Committee 1873	*I nompson, James,
Cheapside, O 1865	Thompson, Robert, Brantford, O 1852
Shoebottom, Henry, Port Huron, Mich 1857	Thompson, Wm. A., New Richmond, Q 1882
Shufelt, W. A., New York, N.Y. 1881	Thornton, Hastwell W., B.A., New Rich-
*Sewell, Stephen C. [ad eun], 1843 Sewell, Colin [ad eun], Quebec 1869 Shanks, J. C., Sharp, J. C., Sharp, J. C., Sharp, J. C., Shaw, Alexander, Shaw, W. F., Shawer, W. H., *Shaver, R. N., Shaver, R. N., Shibley, J. L., Shepherd, Francis J., Sherk, George, Shoebottom, Henry, Shifelt, W. A., Silher, G. A., *Simard, Amable, Simona, The Stepherd, Share, G. S	*Sutherland, Fred. Dunbar, Sutherland, Walter, *Sutherland, William, *Sutherland, William, *Sutherland, William, Sutherland, William, Salina, Ks. 1865 Tabb, Silas E., M.A., *Fait Henry Thomas, Tabb, Silas E., M.A., *Tath Henry Thomas, Taylor, Wm. H., Taylor, Sullivan A., Gilmanton, N. H. 1879 Temple, James A., Toronto. 1865 Thayer, Linus O., *Theriault, F. D., Therien, Honore, *Thompson, James, Thompson, James, Thompson, Wm. A., New Richmond, Q. 1882 Tracey, A. W  West Meriden, Conn. 1872  Tracey, A. W
*Simard, Amable,	Tracey, A. W., West Meriden, Conn 1873
Simpson, Thomas Montreel 2011	Trenholme, Edward Henry, Montreal 1862
Sinclair Coll Aulman O	*Trudel Fugane H
Sihler, G. A.,  *Simcoe, O 1883  *Simcoe, O 1883  *Simcoe, O 1883  *Simcoe, O 1883  *Rotaller, G. A.,  Montreal 1854  Aylmer, O 1874  Ottawa 1880  *Smallwood, John R.,  *Smallwood, John R.,  *Smellie T. S. J. M. A.	*Trudel, Eugene H., Trueman, J. E., Macan, N S 1881 Turgeon, Louis G., Montreal 1860 Montreal 1860
* Smallward Tab D	Macan, N S 1881
Smanwood, John K.,	Turgeon, Louis G., Montreal 1860
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	Tunstall Simon J., B.A., Litton, B C 1875 Usher, Henry, Walkerton, O 1861
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Smith E H Fullerton M-1 -00-	
	Vercoe, Henry L., Seaforth, O 1865 Vicat, John R., Melbourne, Q 1867
*Smith Edward W	Vicat, John R., Melbourne, Q 1867 †Vineberg, Hiram N., Portage la
*Smith Edward W	Vicat, John R., †Vineberg, Hiram N.,  Melbourne, Q 1867  Portage la  Prairie, Man 1878
*Smith Edward W	Vicat, John R.,  †Vineberg, Hiram N.,  Portage la  Prairie, Man 1878  Cornwall, O 1873
*Smith Edward W	†Vineberg, Hiram N., Portage la
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*Smith, Edward W., Smith, John, Portland, Oregon 1879 Smith, Norman A., Smith, William, Felighsburg, Q 1870 Smith, William, Lachute, Q 1876 Merriden Conn 1882	Vicat, John R., †Vineberg, Hiram N., Portage la Prairie, Man 1878 Wagner, A. Dixon, Wagner, G. C., Dickinson's Ldg, O 1881 *Wagner, William H., Wakeman, William, Quebec 1866
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*Smith, Edward W., Smith, John, Portland, Oregon 1879 Smith, Norman A., Smith, William, Felighsburg, Q 1870 Smith, William, Lachute, Q 1876 Merriden Conn 1882	*Wagner, William H., Uuebec 1866 Wales. Benjamin N., Robinson, O 1874
*Smith, Edward W., Smith, John, Portland, Oregon 1879 Smith, Norman A., Smith, William, Felighsburg, Q 1870 Smith, William, Lachute, Q 1876 Merriden Conn 1882	*Wagner, William H., Uuebec 1866 Wales. Benjamin N., Robinson, O 1874
*Smith, Edward W., Smith, John, Smith, Norman A., Smith, Edward W., Smith, William, Smith, Edward W., A.B. West Smith, W. A. de W., Smyth, H. E., Smythe, T. W., Snider, Frederick S., Sparham, Terence. Brockville. O 1841	*Wagner, William H., Uuebec 1866 Wales. Benjamin N., Robinson, O 1874
*Smith, Edward W., Smith, John, Smith, Worman A., Smith, Edward W., Smith, Edward W., A.B. West Smith, W. A. de W., Smyth, H. E., Smythe, T. W., Sparham, Terence, Sparham, Terence, Sparham, Terence, Smith, Edward W., Smith, Smi	*Wagner, William H., Uuebec 1866 Wales. Benjamin N., Robinson, O 1874
*Smith, Edward W., Smith, John, Smith, Worman A., Smith, Edward W., Smith, Edward W., A.B. West Smith, W. A. de W., Smyth, H. E., Smythe, T. W., Sparham, Terence, Sparham, Terence, Sparham, Terence, Smith, Edward W., Smith, Smi	*Wagner, William H., Quebec 1866 Wakeman, William, Quebec 1866

Dunedin, New Z 1867
Morristown, Minn 1873
Montreal 1875
Brooklin, O 1872
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Londoa, O 1872
Yarker, O 1879
Montreal 1871
Edinburgh, S 1878
Port Neuf, Q 1851
1852
Omaha 1848
Winnipeg, Man. 1843
Winnipeg, Man. 1843
Workman, Joseph,
Tojedo, Ohio 1857
Workman, Joseph,
Workman Warless, John R., Ward, William T., Ward, Michael O'B., Morristown, Minn 1873 Montreal 1875 ward, Michael O.B., Warren, Frank, \*Warren, Henry, Waugh, William, Weagant, C. A., Webb, James T. S., Webster, Arthur D., Weilberguer, P. ami Weilbrenner, Remi, \*Weir, Richard, \*Weir, Richard,
\*Wherry, John,
Whitecomb, Josiah G.,
Whiteford, James W.,
Whiteford, Richard,
Whitwell, W. P. O.,
\*Whyte, Joséph A.,
Wigle. Hiram,
\*Widmer, Christopher
\*Wilcox, Marshall B.,
Williams, L.,
Boston, Mas Wright, John W., B.A.,
Wright, Henry P.,
Wright, Stephen,
Wright, William,
Wye, John H.,
Wye, John H., Wiarton, O 1875 1847 \*Wilcox, Marshall B.,
Williams, J.,
Williston, H. V., M.A.,
Wilson, J. A. K.,
Wilson, Benjamin S.,
\*Wilson, Robert M.,
Wilson, William,
Wilson, Samuel F.,
Wilson, Samuel F., Young, Philip R., Young, Robert C., Youker, William, Clarenceville, Q 1876 Ridgetown, O 1873 Stirling, O 1807 Co., N.B 1884

\*Deceased

†Medallist.

Ottawa, O 1859

London 1868

Montreal 1848

# EXAMINATION PAPERS.

## SESSION 1885-86.

## MATRICULATION EXAMNATIONS.

#### LATIN.

SATURDAY, MARCH 28th, 1885.

Examiner, ..... H. ASPINWALL HOWE, M.A., LL D.

Note-Candidates may choose, in this Paper, between Cicero and Virgil.

- 1. Translate, without unnecessary change of construction :-
- (A) Potestne tibi hœc lux, Catilina, aut hujus cœli spiritus esse jucundus, quum sciae horum esse neminem, qui nesciat, te pridie Kalendas Jan. Lepido et Tullo consulibus stetisse in comitio cum telo? manum, consulum et principum civitatis interficiendoram caussa, paravisse? sceleri ac furori tuo non mentem aliquam aut timorem tuum, sed fortunam P. R. obstitisse? Ac jam illa omitto: neque enim sunt aut obscura, aut non multa post commissa. Quoties tu me designatum, quoties consulem interficere conatus es? Quot ego tuas petitiones, ita conjectas, ut vitari non posse viderentur, parva quadam declinatione et, ut aiunt, corpore effugi. Nihil agis, nihil assequeris, nihil moliris, quod mihi latere valeat in tempore: neque tamen conari ac velle desistis. Quoties jam tibi extorta est sica ista de manibus! quoties vero excidit casu aliquo et elapsa est! tamen ea carere diutius non potes; quæ quidem quibus abs te initiata sacris ac devota sit, nescio, quod eam necesse putas esse consulis in corpore defigere.
- (B) Quæ quum ita sint, Quirites, vos, quemadmodum jam antea, vestra tecta custodiis vigiliisque defendite; mini, ut Urbi sine vestro motu ac sine ullo tumultu satis esset præsidii, consultum ac provisum est. Coloni omnes municipesque vestri, certiores a me facti de hac nocturna excursione Catilinæ, facile urbes suas finesque defendent: gladiatores, quam sibi ille maximam manum et certissimam fore putavit, quamquam meliore animo sunt, quam pars patriciorum, potestate tamen nostra continebuntur. Q. Metellus, quem ego prospiciens hoc in agrum Gallicanum Picenumque præmist, aut opprimet hominem, aut omnes ejus motus conatusque prohibebit. Reliquis autem de rebus constituendis, maturandis, agendis jam ad senatum referemus, quem vocari videtis.
- 2. Pridie Kalendas Januarias. What day of the month was this? Explain the Roman method of reckoning time.
- 3. Parse the words of the first sentence of extract (A). down to neminem.

- 4. Decline the nouns manum, principum, sceleri;—The Adjectives ullo, and certiores;—the Pronouns mihi, sibi, ille; and the Tenses potest, assequeris, continebuntur, opprimet.
- 5. Give the principal parts of stetisse interficere, assequeris, extorta est elapsus est referemus. How do you generally form the Comparative and the Superlative in Latin? What terminations are expected? Supply the degrees of comparison of multus, parvus, diutius, maximus, faciles, melior.
- 6. Write the first person singular of all the tenses, throughout the Moods, of mitto, stating how and from what principal part each is formed. Write also the tenses of the Infinitive and the Participles.
- 7. Explain and give the Rules of Syntax for the construction of:— (a) Pridie Kalendas; —(b) principum interficienderum; causa;—(c) scelerobstitisse;—(d) ea carere;—(e) satis esset præsedii; —(f) meliore sunt animo.
- 8. What is the derivation of pridie, cumitium princeps, tectum, colonus municipium, vester, præsidium?

#### VIRGIL.

- 1. Translate, without unnecessary change of construction:-
- (A) "O socii, neque enim ignari sumus ante malorum,
  O passi graviora, dabit deus his quoque finem.
  Vos et Scyllæam rabiem penitusque sonantes
  Accestis scopulos; vos et Cyclopia saxa
  Experti. Revocate animos, mæstumque timorem
  Mittite. Forsan et hæc olim meminisse juvabit.
  Per varios casus, per tot discrimina rerum
  Tendimus in Latium, sedes ubi fata quietas
  Ostendunt: illic fas regna resurgere Trojæ.
  Durate, et vosmet rebus servate secundis."
  - Nec non et Tyrii per limina læta frequentes (B) Convenere, toris jussi discumbere pictis. Mirantur dona Æneæ; mirantur Iulum, Flagrantesque dei vultus, simulataque verba, Pallamque et pictum croceo velamen acantho. Præcipue infelix, pesti devota futuræ, Expleri mentem nequit, ardescitque tuendo Phœnissa, et pariter puero donisque movetur. Ille ubi complexu Æneæ colloque pependit, Et magnum falsi implevit genitoris amorem, Reginam petit. Hæc ocutis, hæc pectore toto Hæret; et interdùm gremio fovet; inscia Dido Insidat quantus miseræ deus! At memor ille Matris Acidaliæ paulatim abolere Sychæum Incipit, et vivo tentat prævertere amore Jam pridem resides animos desuetaque corda

- 2. Write short notes explanatory of :—Scyllæam rabiem—Cyclopia saxa—Matris Acidaliæ—abolere Sychæum.
  - 3: Parse the words of the first two lines of extract (A).
- 4. Decline the Nouns casus, discrimina, rerum:—the Adjectives graviora and toto; the Pronouns vos, hee, ille; and the Tenses sumus, accestis, juvabit, movetur.
- 5. Give the principal parts of experti estis, resurgere, movetur, pependi hæret, abolere. How do you generally form the comparative and the superlative in Latin? What terminations are excepted? Supply the degrees of comparison of multus, parvus, diutius, maximus, facilis melior
- 6. Write the first person singular of all the tenses, throughout the moods of *mitto*, stating how and from what principal part each is formed. Write also the tenses of the Infinitive and the Participles.
- 7. Explain, and give the Rules of Syntax for the construction of: (a) ignari sumus ante malorum;—(b) sonantes accestis scopulos:—(c) toris jussi discumbere pictis. What if impero were used instead of jubeo?—(d) expleri mentem nequit;—(e) insidat quantus miseræ deus;—(f) memor matris Acidaliæ.
- 8. What is the derivation of discrimen, secundus, velamen, pariter, complexus, genitor, abolere, resides (reses).

#### ENGLISH.

### SATURDAY, MARCH 28TH, 1885.

Examiner, ...... H. ASPINWALL HOWE, M.A., LL.D.

1. Parse fully all the words of:

Each in his narrow bed forever laid, The rude forefathers of the hamlet sleep.

- 2. What are the two essential parts of a simple sentence, and what the three subordinate parts? Construct a sentence that shall contain all the five parts.
- 3. Name the Moods of the Verb, and state the significance of each. Write short sentences showing the use of each mood.
- 4. Distinguish between the terms Irregular and Defective. Do you consider was, better, we, went to be defective or irregular? Your reason?
- 5. Explain, with examples, what is meant by Subjective genetive, Reflexive pronoun, Gerundive, Sequence of tenses, Adversative Conjunction.
- 6. Write the Past Tense, and Perfect Participle of the verbs awake, beat cling, clothe, fly, flee, lay, lie, sew, sow.
- 7. Give the meanings of the following words: Kingdom, wealth, dormitory, lapidary, streamlet, hillock, seamstress, cyclone, preliminary. Dissect each of them, and state the force of each component part.

- 8. Correct errors, where found, in the following, and explain the errors:
  - (a), The belief in immortality is universally held by all.

(b), He spoke of you studying Latin.

- (c), In such a subject nothing but clearness and simplicity are wanted.
  - (d), The man whom you thought was honest turns out a rogue
  - (e), The spider and fly are natural enemies.

(f), The water is full of animalculæ.

(g), The commandments forbid the doing murder.

(h), I am verily a man who am a Jew.

- 9. Write legibly and punctuate properly the Dictation which will be read to you.
- 10. Write a short composition on "Kindness to Animals."

### ARITHMETIC.

SATURDAY, MARCH 23TH, 1885.

Note.—The full working of each question must be given.

- 1. Add together,  $\frac{3}{8} \div 6$ ,  $\frac{6}{123}$  of  $\frac{1}{3}$  of  $2\frac{2}{3}$ ,  $\frac{1}{6\frac{6}{7}} \div \frac{7}{8}$ , and  $\frac{27}{81}$ .
- 2. Divide 6.48 by .0125, and multiply the result by .015625.
- 3. If 1296 bricks, 9½ inches by 4½ inches, are required to pave a courtyard, how many stones 6 inches square would be needed for the same?
- 4. In the gold coinage of Britain, 11 parts out of 12 are pure gold. How much per cent of a coin is alloy?
- 5. What is the rule for Simple Interest on any sum? Derive the formula  $I = \frac{P\,R\,T}{100}$  in which I is the Interest, P the Principal, R the Rate per cent and T the time in years. Shew from the formula that it would take  $12\frac{1}{2}$  years for a sum of money to double itself at 8 per cent.

### ALGEBRA.

- 1. Simplify by removing brackets and collecting like terms  $25a-19b-[3b-\{4a-(5b-6c)\}].$
- 2. Find the Greatest Common Measure of  $x^2 7x + 10$  and  $4x^3 25x^2 + 20x + 25$ . Also the Least Common Multiple of  $4(a^3 ab^2)$ ,  $12(ab^2 + b^3)$  and  $8(a^3 a^2b)$ .
- 3. Shew that the sum of the squares of any two consecutive even integers is four times the square of the odd integer between them.
  - 4. Simplify  $\frac{1}{1-x} \frac{2}{1-x^2}$ , and  $\frac{a}{bx} \times (b + \frac{bx}{a}) + (1 \frac{a+x}{a+x})$ .

- 5. Solve the equation  $\frac{x+1}{6} \frac{2x-6}{7} = 6 \frac{4x+13\frac{2}{3}}{14}$ .
- 6. A person walked to the top of a mountain at the rate of  $2\frac{1}{3}$  miles an hour and down the same way at the rate of  $3\frac{1}{2}$  miles an hour. He was out 5 hours. Find the whole distance that he walked.

## BRITISH HISTORY.

## FRIDAY, MARCH 27, 1885.

- 1. Narrate briefly how the hold on France gained by Henry V. was quickly lost in the reign of his successor.
- 2. The Commonwealth died with Oliver Cromwell. What causes led to this?
- 3. What religious movements gave rise to the names Lollards, Independents, Presbyterians, Methodists, Ritualists? Explain these names, and state in what reign each originated.
- 4. To whose reigns belong, (1) The conquest of Wales, (2) The conquest of Ireland, (3) The Union with Scotland, (4) The Great Rebellion, (5) The Barons' War, (6) Monmouth's Rebellion, (7) The Massacre of St. Bartholomew, (8) The American War.
- 5. Who were Agricola, Boadicea, Fair Rosamond, the Empress Matilda, Lady Jane Grey, St. Augustine, Archbishop Laud, Perkin Warbeck, Titus Oates, Robert Clive.
- 6. What are the three Estates of the Realm? Through what stages must a Bill pass before it becomes law?

### GEOGRAPHY.

- 1. Describe geographically a voyage from the Thames to India through the Suez Canal, and back round Cape Horn.
  - 2. What are the foreign possessions of Britain? Where is each situated?
- 3. Name and trace the course of the largest river of each of the continents,—Europe, Asia, Africa, N. America, S. America, and Australia.
- 4. What are the boundaries of India, Afghanistan, the Soudan and the Arabian peninsula.
- 5. What causes, other than Latitude, influence climate? Name places and regions in confirmation of your answer.
- 6. Where situated and what are Herat, Oxus, Tonquin, Borneo, Cadiz, Ortegal, Belle Isle, Honduras, Maracaybo, Valparaiso?

### GEOMETRY.

## SATURDAY, MARCH 28, 1885.

Examiner, ...... H. ASPINWALL HOWE, M.A., LL.D.

- 1. Any two sides of a triangle are together greater than the third side.
- Straight lines that join the extremities of two equal and parallel straight lines towards the same parts are themselves equal and parallel.
- 3. The complements of the parallelograms which are about the diameter of any parallelogram, are equal to one another.
- 4. Divide a given straight line into two parts, so that the rectangle contained by the whole and one part may be equal to the square on the other part.
- 5. Shew that if a straight line be divided as in the preceding problem, the square on the whole line, together with the square on the smaller part, is equal to three times the square on the greater part.

## NATURAL PHILOSOPHY.

- 1. A rigid rod supposed to be without weight, is moveable round a fixed point. Shew, with a diagram, what two considerations determine the effect of a force to move the rod round the point.
- 2. A uniform rod of 3 feet long and weighing 8 lbs., has a weight of one pound fixed to one end. Find the centre of gravity of the system.
- 3. In a wheel and axle, the radius of the wheel is 3 feet, the weight 18 lbs., and the power 3 lbs. What is the radius of the axle, if there be equilibrium?
- 4. How much less does a body weigh in water than in air? Illustrate your answer by a diagram and give the reasoning.
- 5. Explain clearly why a balloon ascends. When will it become stationary?

#### CHEMISTRY.

## Optional Subject.

SATURDAY, MARCH 28, 1885.

- 1. Define the following terms :- Acid, Salt, Radical, Analysis, Anhydride.
- 2. Mention important properties of Oxygen, and state any method by which it may be obtained in a pure state.

- 3. Describe mode of preparation, uses and properties, of any compound of Silver or of Copper.
  - 4. By what characters are the Metals distinguished from the Non-metals.
- 5. Mention tests for any three of the following substances:—Iron, Lime, Sulphuric Acid, Ozone, Calomel.

#### BOTANY.

- 1. Name and describe the parts of the embryo of a Dicotyledonous plant.
- 2. Define a Flower, and describe its essential organs.
- 3. Name and describe the parts of a complete Leaf, and explain the uses of leaves.
- 4. Distinguish between Phenogamous and Cryptogamous plants, and between Exogens and Endogens.
  - 5. Explain the action of plants upon the air .-
    - (a) In the sunshine.
    - (b) In darkness.

### GREEK.

## Optional Subject.

SATURDAY, MARCH 28TH, 1885.

Examiner, ...... H. ASPINWALL HOWE, M.A., LL.D.

- 1. Translate, without unnecessary change of construction .-
- (A) Έπειδη δὲ Κῦρος ἐκάλει, λαβὰν ὑμᾶς ἐπορενόμην, ἴνα, εἴ τι δέοιτο, ώφελοίην αὐτὸν ἀνθ' ἀν εν ἔπαθον ὑπ' ἐκείνου. 'Επεὶ δὲ ὑμεῖς οὐ βούλεσθε νομπορεύεσθαι, ἀνάγκη δή μοι ἡ ὑμᾶς προδόντα τῆ Κύρου φιλία χρησθαι, ἡ πρὸς ἐκεῖνον ψευσάμενον μεθ' ὑμῶν ἱέναι. Εἰ μὲν δὴ δίκαια ποιήσω οὐκ οἰδαε. αἰρήσομαι δ' οὖν ὑμᾶς, καὶ σὺν ὑμῖν ὁ τι ἀν δέη πείσομαι. Καὶ οὐποτε ἐρῖ σὐδεὶς, ὡς ἐγὰ Ἑλληνας ἀγαγὰν εἰς τοὺς βαρβάρους, προδοὺς τοὺς Ἑλληνας τὴν τῶν βαρβάρων φιλίαν εἰλόμην.
  - (Β) "Εως ὁ ταῦθ' ὡρμαινε κατὰ φρένα καὶ κατὰ θυμὸν,

    "Ελκετο δ' ἐκ κολεοῖο μέγα ξίφος, ἤλθε δ' 'Αθήνη,
    Οὐρανόθεν· πρὸ γὰρ ἤκε θεὰ λευκώλενος "Ηρη,

    'Αμφω ὁμῶς θυμῷ φιλέουσά τε κηδομένη τε.
    Στῆ δ' ὁπιθεν, ξανθῆς δὲ κόμης ἔλε Πηλείωνα,
    Οῖῳ φανιομένη· τῶν δ' ἀλλων οὐ τις ὁρᾶτο.
    Θάμβησεν δ' 'Αχιλεὺς, μετὰ δ' ἐτράπετ', αὐτίκα δ' ἔγνω
    Παλλάδ' 'Αθηναίην· δεινὼ δέ οἰ ὁσσε φάανθεν.

Parse and decline φρένα, ελκετο, μέγα, ήλθε, in extract (B).

Give the Future, Perfect, and First or Second Aorist, of λαμβάνω, προδίδωμι, αιρέω, ξρχομαι.

- 4. Give the Rules of Syntax for the following constructions:—a) ἐι τι δέοιτο. Why Optative?—And further on ὁ τι ἀν δέη. Why Subjunctive?—(b) τῆ Κυρον φιλία χρῆσθαι. Why Dative?—(c) ξανθῆς δὲ κόμης ἐλε. Why Genitive?
- 5. What Prepositions govern (1) the Genitive only, (2) the Dative only, (3) the Accusative only. The Preposition  $i\pi i$  is followed by all the three cases. With what difference of meaning?

### FRENCH.

## Optional Subjects.

SATURDAY, MARCH 28, 1885.

Ex miner, ..... H. ASPINWALL HOWE, M.A., LL.D.

1. Translate, as closely as difference of idiom will admit:

Dès qu'il eut quelque connaissance de la langue latine, on lui fit traduire Quinte-Curce: il prit pour ce livre un goût que le sujet lui inspirait beaucoup plus encore que le style. Celui qui lui expliquait cet auteur lui ayant demandé ce qu'il pensait d'Alexandre: "Je pense, dit le prince, que je "voudrais lui ressembler." Mais, lui dit-on, il n'a vécu que trente-deux ans. "Ah! reprit-il, n'est-ce "pas assez quand on a conquis des royaumes?" On ne manqua pas de rapporter ces réponses au roi son père qui s'écria: "Voilà un enfant qui vaudra mieux que moi, et "qui ira plus "loin que le grand Gustave." Un jour il s'amusait dans l'appartement du roi à regarder deux cartes géographiques, l'une d'une ville de Hongrie prise par les Turcs sur l'empereur, et l'autre de Riga, capitale de la Livonie province conquise par les Suédois depuis un siècle; au bas de la carte hongroise il y avait ces mots, tirés du livre de Job: "Dieu me l'a donné, "Dieu me l'a ôté; le nom du Seigneur soit béni!" Le jeune prince ayant lu ces paroles, prit sur-le-champ un crayon, et écrivit au bas de la carte de Riga, "Dieu me l'a donnée, le diable ne me l'ôtera pas." · Ainsi dans les actions les plus indifférentes de son enfance, ce naturel indomptable laissait souvent échapper de ces traits qui caractérisent les âmes singulières, et qui marquaient ce qu'il devait être un jour.

- 2. Write all the forms of the Demonstrative Adjective ce, and give a simple example of the use of each.
- 3. Which of the following Personal Pronouns are used (1) for Direct Object, (2) for Indirect Object, (3) for both—moi, me, toi, te, le, lui, la, leur se, give short examples.

- 4. Qui vaudra mieux. What are the positive and superlative of this adverb? Also of mal? Distinguish between mieux and meilleur.
- 5. Trente-deux ans. What shade of meaning distinguishes an from année, jour from journée, soir from soirée, etc.
- 6. Give the Present Infinitive, the Present Participle and the Past Participle of fit, prit, voudrais, dit, vécu, vaudra, ira, lu.
- 7. Write out the Present Indicative of dire, the Imperative and the Present Subjunctive of aller, the simple Future of avoir, and the Conditional Present of être.

# McGILL UNIVERSITY, MONTREAL. FACULTY OF MEDICINE.

# SESSIONAL EXAMINATIONS, 1884-85. BOTANY.

## SATURDAY, MARCH 14TH: -9 to 12 A.M.

Examiner,..... D. P. PENHALLOW, B. Sc.

- 1. Describe the parts of the flower, and show the functions of each.
- 2. The fruit: its morphological character and component parts. Examples of types.
- 3. Explain the process of fructification in Phenogams. What is the resulting product?
  - 4. Explain the general process of nutrition.
  - 5. Show what conditions are favorable and adverse to assimilation.
  - 6. Respiration: where performed, and under what conditions.
- 7. Explain the movement of plants, as illustrated in tendrils, and show what influences may modify it.
- 8. Explain the principles upon which natural and artificial systems of classification are based.
  - 9. Explain the movement of sap and its relation to nutrition.
- 10. Give the distinguishing characters of Angiosperms, Gymnosperms, Pteridophytes and Bryophytes.

#### PHYSICS.

#### MONDAY, MARCH 16TH, 1885.

Examiner,.... G. P. GIRDWOOD, M.D.

- 1. Describe the characteristics of the three conditions of matter.
- 2. Give examples to show that the forces heat, light and chemical action are interchangeable.
  - 3. Describe briefly the solar spectrum, explaining Frauenhofer's lines.
- 4. Explain the difference between a luminous and a non-luminous flame, and show how each is made use of in chemistry.
- 5. Give the laws of combination by volume, showing the relation of the number of molecules to volume.
  - 6. Describe the occurrence, preparation, and properties of Cl. and H. Cl.

#### HISTOLOGY.

- 1. Give the coats of an artery. Wherein do the veins differ from arteries?
  - 2. What are the varieties of nerve fibre? Describe each.
- 3. Describe the structure of the respiratory tubes, commencing with trachea and terminating at alveolar ducts, but not inclusive of the latter. Mention in what manner the various parts differ in structure.

#### CHEMISTRY.

Examiner,......G. P. GIRDWOOD, M.D.

- 1. Give a short account of atomicity or quantivalence. Illustrate your answer by Hydrogen, Sodium, Chlorine, Oxygen, Calcium, and Manganese.
  - 2. Classify inorganic acids, with examples.
- 3. Give the preparation of Nitrogen, Nitric Acid, Ammonia, Nitrous Oxide, with equations.
  - 4. Classify Metallic Oxides, with examples.
  - 5. Why are Calcium, Strontium and Barium grouped together?

- 6. Give the properties of Magnesium Aluminium, Mercury.
- 7. By what reactions will you show the pressure of Copper, Zinc and Arsenic? Give equations.
- 8. Classify Alcohols, and show by formulæ their relation to Hydrocarbons, Aldehydes and Acids.

#### PRACTICAL CHEMISTRY.

#### SESSION 1884-85.

Examiner, ..... G. P. GIRDWOOD, M.D.

- 1. By what blow-pipe re-actions would you recognize.
  - a) Chromate of lead.
  - (b) Nitrate of silver.
  - (c) Tartar emetic.
  - (d) Barium chloride.
  - (e) Citrate of sodium.
- 2. By what re-actions would you distinguish:
  - (a) Potassium Iodide from Potas. Bromide.
  - (b) Ferrous Chloride from Ferric Chloride.
  - (c) Mercurous Nitrate from Mercuric Chloride.
  - (d) Stannous Chloride from Stannic Chloride.
  - (e) Strontium Sulphate from Strontium Phosphate.

Give equations in each case.

- 3. Describe fully (giving equations) how you would prove a solution to contain alum (potassium, aluminum, sulphate) and nothing else.
- 4. What are (1) Nessler's test, (2) Reinch's test, (3) Marsh's test. Describe the last fully.
- 5. Give two good tests for (a) chlorides, (b) exalates, (c) chromates, (d) cycnides, (e sulphides.
- 6. How would you shew quickly that a solution contained:
  - (a) Copper.
  - (b) Antimony.
  - (c) Lead.
  - (d) Iron.
  - (e) Sulphur.

#### ANATOMY.

WEDNESDAY, MARCH 18TH, 1885.

- 1. Give the dissection necessary to expose the third part of the Subclavian Artery.
- 2. Mention in their proper position the parts in relation to the Pancreas, and the dissection necessary to expose it.
- 3. Describe the first rib, and name in order the parts in relation to its upper surface.
- 4. Give the attachments, actions, and nerve-supply of the muscles forming the space at the bend of the elbow. What does this space contain?
  - 5. Describe shortly the three Primitive Fissures of the Brain.
- 6. Describe the origin, course, and distribution of the External Poplitcal Nerve.
- 7. Give a short description of the development of the great veins at the root of the neck, and explain the occurrence of the left Vena Innominata.

Candidates are required to answer four questions only, including one of the first two.

#### PRACTICAL ANATOMY.

#### THE DEMONSTRATOR'S PRIZE.

Examiner, ..... R. L. MACDONNELL, M.D.

- 1. Give a dissection to expose the hypoglossal nerve from its exit at the base of the skull to its termination.
- 2. Enumerate in their relative position the parts seen in a horizontal section of the abdomen at the level of the body of the second lumbar vertebra.
- 3. Describe the dissection necessary to expose the flexor longus pollicis manus muscle.
  - 4. Give a dissection to expose the Popliteus muscle.

#### PHYSIOLOGY.

#### SECOND YEAR.

TUESDAY, MARCH 17TH, 1885.

Write upon the following subjects:

- The action of the heart.
   The physics of respiration.
- 3. Digestion in the small intestines.
- 4. The functions of the fifth nerve.
- 5. The formation of the amnion and the placenta,
- 6. The functions of the spinal cord.
- 7. The circulatory system : (a) Mechanical forces. (b) Regulative mechanisms.
  - 8. Respiration from a chemico-physical point of view.
  - 9. Cell physiology, as illustrated in the digestive organs.
- 10. The cerebral localization hypothesis.
- 11. Urea.
- 12. The circulation before and after birth, with special reference to the causes of the changes.
  - N. B.-(1.) Only six of the above questions to be answered.
- (2.) 100 per cent. of the marks can be obtained only by answering the last six questions.
- (3.) Special importance will be attached to references to experiments witnessed, illustrating the subjects treated.

#### MATERIA MEDICA AND THERAPEUTICS.

WEDNESDAY, MARCH 18, 1885.

TIME: TWO HOURS

- 1. Contrast the actions physostigmine, gelsemium, curare and bromide of potassium on :-
  - 1. The Cerebral Motor Convolutions.
  - 2. The Medullary Motor Centres.
  - 3. The Spinal Cord.
  - 4. The Motor Nerves.
  - 5. The Sensory Nerves.
- 2. Contrast the actions of morphia, atropine, physostigmine and pilocarpine on :-
  - 1. The Salivary Glands.
  - 2. The Sweat Centres-central and peripheral.
  - 3. Intestinal Peristalsis.
  - 4. The Pupil.

Explain fully through what nervous mechanisms the actions you mention are brought about.

- 3. Compare the hypnotic actions of opium, chloral hydrat and paraldehyde.
  - 4. Mention the more important uses of the iodide of potassium. In what doses is it employed, and how is it best administered?
- 5. In what cardiac affections are digitalis, caffeine, nitrite of amyl, and arsenic found useful

Describe fully, as far as is known, how these different agents act in the troubles you mention.

6. Mention the chief medicinal uses of iron.

Explain how it acts in the diseases you mention. Name several different ways of introducing it into the blood.

Only four of the above questions to be answered.

#### PATHOLOGY.

#### THIRD YEAR.

MONDAY, MARCH 16TH, 1885.

Examiner, ..... T. WESLEY MILLS, M.A., M.D.

Write upon the following subjects:

- 1. Constitutional resistance in relation to disease.
- 2. The pathogenous bacteria.
- 3. Hæmatogenous pigments.
- 4. Repair after inflammation.

### SUTHERLAND MEDAL.

#### CHEMISTRY.

#### SECOND YEAR.

- 1. State the facts and principles from which the weight and quantivalence of the carbon atom are deduced.
- 2. Which do you consider the correct formula for Ferric Chloride:  $F_2$   $Cl_3$  or  $Fe_2$   $Cl_6$ . Give your reasons. Write graphic formula for (i.) calomel (ii.) ferric sulphate (iii.) "sulphuric ether" (iv.) amyl amine (v.) arsenious anhydride.

- 3. To what metals are nitrogen and phosphorus allied? Show fully how they are allied.
- 4. A volatile element having four atoms to the molecule has a vapor density of 10.387 (air = 1). Give the atomic weight.
- 5. How would you prove the composition of the atmosphere (a) by volume, (b) by weight? Is it a chemical compound or a mechanical mixture? Give reasons for your answer.
  - 6. Give a brief account of the metallurgy of silver.
  - 7. Give an account of the chemistry of bleaching powder.

Taking  $Ca\ O\ Cl2$  as the formula for bleaching powder, what volume of gaseous hydrochloric acid must be used to make one (1) kilogramme of the powder. (N. T. & P.)  $Ca=40\ O=16,\ Mn=56,\ Cl=35.5.$ 

8. Give an account of the chemistry of Electrolysis.

#### HYGIENE.

#### MONDAY, MARCH 16TH, 1885.

- 1. Explain the various causes of the failure of traps with a water seat with the precautions to be taken to prevent such failure.
- 2. What are the conditions known to influence the spread of intermittent fever.
- 3. State in detail the directions you would give for disinfecting an apartment with sulphurous acid gas.
- 4. Mention the diseases which have been traced to the use of impure water.

#### MEDICAL JURISPRUDENCE.

TUESDAY, MARCH 24, 1885:-3 TO 5 P.M.

- 1. The bodies of two people are discovered dead in a burning house; the bodies only slightly burnt. On examination, it is found that the bones of the skull are crushed in, without any apparent scalp wound in the one body, and incised or punctured wounds are observed on the other. How would you determine that the wounds had been inflicted before death, and that both bodies had been dead before being burnt?
  - 2. What are the signs of death by drowning?

- 3. What are the symptoms of poisoning by strychnine? What is the fatal dose? How would you distinguish a case of strychnine poisoning from one of tetanus?
- 4. Describe the stages of ordinary insanity, giving the prominent symptoms in each stage.

(Oral examination will be held at the Physiological Laboratory on Wednesday, March 25th, at 3 p.m.)

### M.D., C.M., FINAL EXAMINATION.

## PRINCIPLES AND PRACTICE OF SURGERY.

TUESDAY, MARCH 24TH, 1885.

- 1. Describe the local condition and general symptoms met with in Phlegmonous Erysipelas of the forearm. What treatment, local and general, would you adopt in such a case?
- 2. Describe the method of healing of wounds by primary adhesion and by granulation; what surgical means will favor the healing process and expedite the cure?
- 3. Wound of the Deep Palmar Arch, what treatment would you adopt Mention the anatomical reasons which would guide your treatment in difficulties which may arise.
- 4. Describe the two most frequent dislocations of the shoulder-joint. How would you distinguish them from each other and from other injuries about the joint.
- 5. Describe the Crural Arch, and mention the structures which pass beneath it from within outwards.
- 6. Describe the symptoms of Fracture of a Rib with wound of the lung; what treatment would be appropriate, and mention the process of union in such a fracture.
- 7. Give a brief account of Acute Purulent Otitis Media and its treatment.
- 8. What is Sympathetic Ophthalmia? State what you knew of this disease, especially in reference to its causes and treatment.

## THEORY AND PRACTICE OF MEDICINE.

MONDAY, MARCH 23, 1885.

Examiner, ...... PROF. R. P. HOWARD, M.D., L.R.C.S.E.

- 1. Mention the important sequelæ of Measles, Scarlatina, Diphtheria and Cerebro-spinal Fever, and the times of their occurrence.
  - 2. What would lead you to make the diagnosis of Rickets?
  - 3. Describe the morbid anatomy of Catarrhal Pneumonia.
  - 4. Sketch the treatment of Cerebro-spinal Fever.
- 5. Mitral Regurgitation, its causes, and the order of occurrence and explanation of its effects upon the heart and other organs.
- 6. Differentiate between Cardiac and Renal Dropsy, and describe the treatment of the former.
  - 7. Sketch briefly the Ætiology of Pulmonary Consumption.
- 8. Describe the symptoms and treatment of Acute Mechanical Obstruction of the Bowels.
  - 9. Give the causes and symptoms of Jaundice from obstruction.
- 10. An adult is the subject of recurring attacks of pain in the head double optic neuritis—unilateral convulsions, confined at first to one side of face and corresponding upper extremity and attended with loss of consciousness. No loss of any special sense beyond impaired vision. After a time the convulsions affect both sides and the losses of consciousness pass into periods of protracted stupor. Neither pyrexia nor paralysis occur. No history of syphilis, but of a fall upon forehead about two years before. Make a diagnosis, and assign your reasons.

N.B.—When describing treatment state the doses of the remedies to be employed.

#### M.D., C.M., FINAL EXAMINATION.

#### OBSTETRICS.

Examiner,.....Prof. Browne.

- 1. Distinguish between "Presentation" and "Position" of the Fœtus and describe the relations of the fætal head to the maternal pelvis, at the brim, in the right occipito-anterior position.
- 2. What signs occurring during pregnancy would lead to a diagnosis of the probable death of the Fœtus?

- 3. What are the most favorable positions of the Face, and how would you diagnose a Face presentation?
- 4. What are the causes of tedious first stage of Labor, and what treat, ment should be adopted?
- 5. Give the causes, symptoms and treatment of post-partum pelvic cellulitis.

## M.D., C.M., FINAL EXAMINATIONS, 1885.

#### GYNÆCOLOGY.

- 1. Leucorrhœa, its sources and causes.
- 2. Malignant Disease of the Uterus, mention the varieties. Give the symptoms of Cancer of the body.
- 3. Ovarian Tumors, their diagnosis, course, complications and terminations.
  - 4. Describe the results of laceration of the cervix uteri.

## McGILL UNIVERSITY

ANNUAL CALENDAR.

# FACULTY OF MEDICINE.



54TH SESSION, 1886-87.

### Montgeal:

PRINTED FOR THE UNIVERSITY BY THE GAZETTE PRINTING CO. 1886,

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### CALENDAR, 1886-87.

#### 1 Thursday Wednesday 2 Friday 2 Thursday 3 Saturday Summer Session ends. 3 Friday 4 Saturday Monday Tuesday 6 Monday Wednesday Tuesday Thursday Wednesday Galvani born, 1737 o Friday Thursday 10 Saturday 10 Friday Candidates for matriculation of Provincial Medical Board 11 Saturday 12 Monday to send fee (\$10) to Dr. Bel-Tuesday leau, Quebec. Candidates for their licence to send fee 13 Monday Wednesday Tuesday Thursday 15 Wednesday (\$20) and credentials Friday Thursday 17 Saturday Friday 17 Friday 18 Saturday Matriculation Exam. begins, High Sc., Peel street. 18 SUNDAY Dr. N. Robertson died, 1884. 19 SUNDAY 19 Monday Tuesday 20 Monday Wednesday 21 Tuesday Thursday 22 Wednesday 23 Friday Matriculation examinations of C. P. & S. of Quebec (Provincial Board) at Quebec. 23 Thursday Saturday Malpighi died, 1694 24 Friday 25 Saturday Seventh Sunday after Trinity SUNDAY 26 Monday Tuesday Monday Register opens. Wednesday Tuesday Thursday 20 29 Wednesday College of Physicians and Surgeons of Province of Quebec 30 Friday 30 Thursday 31 Saturday meets at Quebec AUGUST, 1886 Session opens. McGill Medical Society semi-Friday 2 Saturday Monday Tuesday Duverney born, 1648. annual meeting Wednesday 4 Monday Thursday Tuesday 6 Friday Wednesday Jas. McGillborn, 1744. Foun-7 Saturday Thursday der's day. Prof. Holmes died, 1860 7 Thurse 8 Friday o Saturday Fallopius died, 1562 9 Monday Tuesday Wednesday 11 Monday Thursday 12 Tuesday Friday Wednesday 14 Saturday 14 Thursday Vesalius died, 1564 Lavoisier born, 1743. Friday 16 Saturday 16 Monday Reamur died, 1757 Tuesday Wednesday 18 Monday Thursday Tuesday 20 Friday Sir A. Cooper born, 1768 Wednesday 21 Saturday Thursday 22 Friday Eleventh Sunday after Trinity. Hey born, 1736. 23 Saturday Baillie born, 1761 23 Monday Tuesday Wednesday 25 Monday Thursday Tuesday 27 Friday 28 Saturday Goethe born, 1749. Wednesday Thursday 29 Friday 30 Saturday All Hallows Eve 30 Monday 31 Tuesday Day All Saints' began in Montreal Medical Institution in 1824.

NOVE	MBER, 1886.	JAN	UARY, 1887.
	First lectures delivered in Med, Faculty, 1829. Bichat born, 1771.	4 Tuesday 5 Wednesday 6 Thursday 7 Friday 8 Saturday 9 SUNDAY 10 Monday 11 Tuesday 12 Wednesdav 13 Thursday 14 Friday	Linacre born, 1460.
15 Monday 16 Tuesday 17 Wednesday 18 Thursday 19 Friday 20 Saturday 21 SUNDAY 22 Monday 23 Tuesday 24 Wednesday 25 Thursday	Radcliffe born, 1650.	16 SUNDAY 17 Monday 18 Tuesday 19 Wednesday 20 Thursday 21 Friday	Dr. Wm. Caldwell died, 1833.
20 Friday 27 Saturday 28 SUNDAY 29 Monday 30 Tuesday		26 Wednesday 27 Thursday 28 Friday	Charter granted to Montrea General Hospital, 1823.
DEC	EMBER, 1886.	FEI	BRUARY, 1887.
1 Wednesday 2 Thursday 3 Friday 4 Saturday 5 SUNDAY 6 Monday 7 Tuesday 8 Wednesday 9 Thursday 10 Friday 11 Saturday	Christmas Exam, in Botany.	1 Tuesday 2 Wednesday 3 Thursday 4 Friday 5 Saturday 6 SUNDAY 7 Monday 8 Tuesday 9 Wednesday 10 Thursday 11 Friday	Willis born, 1622.  Prof. Sutherland died, 1875.
12 SUNDAY 13 Monday 14 Tuesday 15 Wednesday 16 Thursday 17 Friday 18 Saturday	Class Examinations. James McGill died, 1813. Lectures close for the term.	12 Saturday 13 SUNDAY 14 Monday 15 Tuesday 16 Wednesday 17 Thursday 18 Friday	John Hunter born, 1728.  Laennec born, 1781.  Assessors of C.P. & S. of th Province to be notified examinations.
19 SUNDAY 20 Monday 21 Tuesday 22 Wednesday 23 Thursday 24 Friday 25 Saturday 26 SUNDAY 27 Monday	Pott died, 1788.  Christmas. Peyer born, 1653.	19 Saturday 20 SUNDAY 21 Monday 22 Tuesday 23 Wednesday 24 Thursday 25 Friday 26 Saturday 27 SUNDAY	Abernethy born, 1697. Albinus born, 1697. Morgagni born, 1682.
28 Tuesday		Was Manday	

28 Monday

27 Monday 28 Tuesday 29 Wednesday 30 Thursday 31 Friday

Boerhaave born, 1688.

#### Tuesday Wednesday Thursday Candidates for Matriculation of Provincial Board to send fee, \$10, to Dr. F. W. Camp-bell, Montreal. Candidates for License to send fee, \$20, 2 Monday Friday Tuesday Saturday Wednesday Monday and credentials Tuesday Clinical Examination begins Thursday Matriculation Examination of Quebec Medical Board at 5 Thurso Wednesday at Hospital. Thursday 7 Saturday Montreal II Friday Lectures close 12 Saturday Botany Examination 9 Monday Tuesday 14 Monday Histology II Wednesday Semi-annual Meeting of Que-bec Med. Board at Montreal. Tuesday Thursday Physiology, 10 a.m.; Chemis-12 try, 3 p.m. Materia Medica, 10 a.m.; 13 Friday 16 Wednesday 14 Saturday Anatomy, 3 p.m. Primary Orals begin 17 Thurso Thursday 16 Monday Ed. Jenner born, 1749. Heberden born, 1710. Tuesday 19 Saturday Practice of Medicine, 10 a.m. Wednesday 19 Thursday 21 Monday Surgery, 10 a.m; Obstetrics, Final Orals. 3 p.m 20 Friday Tuesday 21 Saturday 3 p.m. Wednesday 23 Ruysch born, 1638 22 SUNDAY Thursday Friday 23 Monday 25 Friday 26 Saturday Tuesday Professor Scott died, 1883. Wednesday Thursday 28 Monday Friday 27 Friday 28 Saturday 29 Tuesday Convocation for conferr'g Degrees in Medicine, 3 p.m. Candidates for Ont. License 30 Wednesday 30 Monday Prof. G. W. Campbell died to send certificates, etc., to Dr. Pyne, Bay St., Toronto. 31 Thursday 31 Tuesday 1882 APRIL, 1887. JUNE, 1887 I Friday Wednesday 2 Saturday Thursday 3 SUNDAY Friday Saturday 4 Monday Tuesday Corner-stone of Montreal Gen-Wednesday eral Hospital laid, 1821 Thursday 6 Monday Friday Tuesday 9 Saturday Wednesday Thursday Eustachius died, 1574. 10 Friday 11 Monday 11 Saturday 12 Tuesday Summer Session begins. 12 SUNDAY 13 Wednesday 14 Thursday Sydenham born, 1624 13 Monday 15 Friday 14 Tuesday 16 Saturday Annual Meet'g McGill Medi-Wednesday cal Society. Thursday 17 SUNDAY 17 Friday 18 Saturday Rolando born, 1773. 18 Monday 19 Tuesday Petit born, 1760 20 Wednesday 20 Monday 21 Thursday Tuesday 22 Friday Wednesday 23 Saturday Orfila born, 1787 23 24 SUNDAY Friday 24 Saturday 25 Monday 26 Tuesday Wednesday Hygiene Examination. Monday Thursday Tuesday Montreal Medical Institution 29 Friday became Med. Faculty, 1829. 30 Saturday Practical Chemistry Exami-20 Wednesday 30 Thursday nation. Examination in Medical Jurisprudence.

## Library.

# LIST OF DONATIONS TO THE MEDICAL FACULTY'S LIBRARY DURING THE PAST YEAR.

## Presented by Summer Session Staff.

Marshall .... Anatomy of the Frog. Aristotle..... History of Animals. Savage.....On Insanity. Granville..... On Gout. Heiberg's... Cutaneous Nerve Supply. Barnes' ..... System of Midwifery. Vol. III. Gowers.....On Diseases of Brain and Spinal Cord. Brunton's ...... Pharmacology and Therapeutics. Butlin..... On Diseases of the Tongue. Butlin ..... Sarcoma and Carcinoma. Garrod's..... Materia Medica. MacCormac's..... Operative Surgery. West...... 7th Edition. Tuke ...... The Insane in Canada and United States. Cripp ..... Diseases of the Rectum. Stewart's..... Diseases of the Nervous System. Wilks' ..... Diseases of the Nervous System. Watts'..... Dictionary of Chemistry. 11 vols.

#### By Dr. Stewart.

Berliner Klinische Wochenschrift. 6 vols.

#### Presented by the Graduates.

Gruber's Beobachtungen an der Mensch. Anatomie. Hft. VI.
Bettany's Medical Biographies. 2 vols.
Life of Sir Robert Christison, Bart., M.D. vol. I
Klaus' Zoology, by Sedgewick. 2 vols.
Eckers' Anatomy of the Frog. 3 parts.
Livon's Vivisection. I vol.
Marey's Methode Graphique. I vol.
Bernard's Physiologie Operatoire. I vol.
C. Hilton Fagge's Practice of Medicine. 2 vols.
Wormley's Micro-Chemistry of Poisons. I vol.

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A. W. BANNISTER, B.A., Principal of St. Francis College.

FREDERICK W. KELLY, B.A., Ph.D., Representative Fellow in Arts.

REV. JAMES BARCLAY, B.A., Governors' Fellow.

M. M. TAIT, B.C.L., Q.C., Representative Fellow in Law.

ROBERT CRAIK, M.D., Representative Fellow in Medicine.

THOMAS A. RODGER, M.D., Representative Fellow in Medicine.

JEFFREY H. BURLAND, B.A.Sc., Representative Fellow in Applied Science.

(The Governors, Principal and Fellows constitute, under the Charter, the Corporation of the University, which has the power, under the Statutes, to frame regulations touching Courses of Study, Matriculation, Graduation and other Educational matters; and to grant Degrees.)

## SECRETARY, REGISTRAR AND BURSAR:

[And Secretary of the Royal Institution.]

WILLIAM CRAIG BAYNES, B.A., Cantab; Residence and Office, East Wing, McGill College; office hours, Io to 2.

JAMES W. BRACKENRIDGE, B.C.L, Clerk; Residence, 3 Victoria Street; office hours, 9 to 5.

## General Statement.

### SESSION OF 1886-87.

The Fifty-fourth Session of the University, being the Thirty-fourth under the amended Charter, will commence in the Autumn of 1886.

By Virtue of the Royal Charter, granted in 1821, and amended in 1852, the Governors, Principal and Fellows of McGill College constitute the Corporation of the University; and, under the Statutes framed by the Board of Governors, with the approval of the Visitor, have the power of granting Degrees in all the Arts and Faculties, in McGill College, and Colleges affiliated thereto.

The Statutes and Regulations of the University have been framed on the most liberal principles, with the view of affording to all classes of persons the greatest possible facilities for the attainment of mental culture and professional training. In its religious character the University is Protestant, but not denominational; and while all possible attention will be given to the character and conduct of students, no interference with their peculiar religious views will be sanctioned.

The educational work of the University is carried on in McGill College, Montreal, and in the affiliated Colleges and Schools.

#### I.—McGILL COLLEGE.

The Faculty of Arts.—The complete course of study extends over four Sessions, of eight months each; and includes Classics and Mathematics, Experimental Physics, English Literature, Logic, Mental and Moral Science, Natural Science, and one Modern Language, or Hebrew. The course of study is, with few exceptions, the same for all students in the first two years; but in the third and fourth years extensive options are allowed, more especially in favour of the Honour Courses in Classics, Mathematics, Mental and Moral Science, Natural Science, English Literature and Modern Languages. Certain exemptions are allowed to professional students. The course of study leads to the Degrees of B.A., M.A., and LL.D.

THE DONALDA SPECIAL COURSE IN ARTS provides for the education of women, with course of study, exemptions and honours similar to those for men.

THE FACULTY OF APPLIED SCIENCE provides a thorough professional training, extending over three or four years, in Civil Engineering, Mechanical Engineering, Mining Engineering and Assaying, and Practical Chemistry, leading to the Degrees of Bachelor of Applied Science, Master of Engineering, and Master of Applied Science.

The FACULTY OF MEDICINE.—The complete course of study in Medicine extends over four Sessions, of six months each, and one Summer Session of three months in the third Academic Year, and leads to the Degrees of M.D., C.M.

THE FACULTY OF LAW.—The complete course in Law extends over three Sessions of six months each, and leads to the Degrees of B.C.L. and D.C.L.\*

## II.—AFFILIATED COLLEGES.

Students of Affiliated Colleges are matriculated in the University, and may pursue their course of study wholly in the Affiliated College, or in part in McGill College, and may come up to the University Examinations on the same terms with the Students of McGill College.

- MORRIN COLLEGE, Quebec.—Is affiliated in so far as regards Degrees in Arts and Law. (Detailed information may be obtained from Rev. John Cook, D.D., Principal.)
- St. Francis College, Richmond.—Is affiliated in so far as regards the Intermediate Examinations in Arts. (Detailed information may be obtained from Principal Bannister, B.A., Richmond, P.Q.)

## III.—AFFILIATED THEOLOGIGAL COLLEGES.

Affiliated Theological Colleges have the right of obtaining for their students the advantage, in whole or in part, of the course of study in Arts, with such facilities in regard to exemptions as may be agreed on.

THE CONGREGATIONAL COLLEGE OF BRITISH NORTH AMERICA, Montreal.

THE PRESBYTERIAN COLLEGE, MONTREAL, in connection with the Presbyterian Church in Canada.

THE DIOCESAN COLLEGE OF MONTREAL.

THE WESLEYAN COLLEGE OF MONTREAL.

## IV.—AFFILIATED SCHOOLS.

- THE McGill Normal School provides the training requisite for Teachers of Elementary and Model Schools and Academies. Teachers trained in this School are entitled to Provincial Diplomas.
- THE MODEL SCHOOLS OF THE McGILL NORMAL SCHOOL are Elementary Schools, divided into a Boys' Department, Girls' Department, and Primary School.
- COLLEGIATE INSTITUTES, ACADEMIES, and HIGH SCHOOLS may be affiliated in so far as regards Matriculation in Arts and Applied Science, under the University regulations. The following are at present so recognised:—

Prince of Wales College, Charlottetown, P.E.I.; Collegiate Institute, Hamilton, Ont.; Canadian Literary Institute, Woodstock, Ont.; High School, Montreal; Bishop's College School, Lennoxville; Girls' High School, Montreal; Lachute Academy; Knowlton Academy; Waterloo Academy; Lincoln College, Sorel; Cowansville Academy; Hawkesbury High School; Charleston Academy, Hatley.

<sup>\*</sup> Information respecting the Faculties and Departments will be found in the General Calendar of the University, and in the special announcements.

## faculty of Medicine.

SIR WILLIAM DAWSON, C.M.G., LL.D., F.R.S., Principal and Professor of

R. PALMER HOWARD, M.D., LL.D., Dean of the Faculty.

## EMERITUS PROFESSORS.

WILLIAM WRIGHT, M.D., Materia Medica, 84 St. Famille Street.

DUNCAN C. MACCALLUM, M.D., Midwifery, 45 Union Avenue.

ROBERT CRAIK, M.D., Chemistry, Treasurer of the Faculty, 2 Cathcart Street.

JOSEPH MORLEY DRAKE, M.D., Institutes of Medicine, Abbotsford, Que.

#### PROFESSORS.

R. PALMER HOWARD, M.D., LL.D., Dean of the Faculty, and Professor of Medicine, 47 Union Avenue.

G. E. FENWICK, M.D., Professor of Surgery, 1404 St. Catherine Street.

G. P. GIRDWOOD, M.D., Professor of Chemistry, 54 Beaver Hall Hill.

GEORGE Ross, M.A., M.D., Professor of Clinical Medicine, 49 Union Avenue.

THOMAS G. RODDICK, M.D., Professor of Clinical Surgery, 80 Union Avenue.

WILLIAM GARDNER, M.D., Professor of Gynæcology, 109 Union Avenue.

Francis J. Shepherd, M.D., Professor of Anatomy and Librarian of the Faculty, 85 Mansfield Street.

FRANK BULLER, M.D., Professor of Ophthalmology and Otology, 838 Dor-

ARTHUR A. BROWNE, B.A., M.D., Professor of Midwifery and Diseases of Infancy, 82 University Street.

JAMES STEWART, M.D., Professor of Pharmacology and Therapeutics, and Registrar of the Faculty, 873 Dorchester Street.

GEORGE WILKINS, M.D., Professor of Medical Jurisprudence, and Lecturer on Histology, 898 Dorchester Street.

D. P. PENHALLOW, B.Sc., Professor of Botany, 74 Shuter Street.

R. L. MACDONNELL, B.A., M.D., Professor of Hygiene, and Demonstrator of Anatomy, 117 Metcalfe Street.

T. WESLEY MILLS, M.A., M.D., Professor of Physiology.

## DEMONSTRATORS, INSTRUCTORS, &c.

WILLIAM R. SUTHERLAND, M.D., Assistant Demonstrator of Anatomy, and Curator of the Museum, 764 Sherbrooke Street.

GEORGE W. MAJOR, B.A., M D., Instructor in Laryngology, 82 Union Avenue. ALEX. D. BLACKADER, B.A., M.D., Instructor in Diseases of Children, 70 Beaver Hall Hill.

ROBT. J. B. HOWARD, B.A., M.D., Assistant Demonstrator of Anatomy, 47 Union Avenue.

WYATT G. JOHNSTON, M.D., Demonstrator of Pathology, 71 Beaver Hall Hill. R. F. RUTTAN, B.A., M.D., Assistant to Prof. of Chemistry, 71 Beaver Hall Hill. C. E. CAMERON, M.D., Registrar and Clinical Instructor to the University

Maternity, 87 Mansfield Street. JAMES BELL, M.D., Assistant to the Chair of Clinical Surgery, 59 Beaver Hall

## BENEFACTORS OF THE

# faculty of Medicine.

I.—LEAN CHOIL ENDOWMENT.

Honorable Donald A.	Smith	 	 	 	 	 	 \$50,000

## II.—CAMPBELL MEMORIAL ENDOWMENT.

Established to commemorate the services rendered to the Faculty during

Established to commemorate the ser	rvices rendered to the Faculty during
Established to commendate the second forty years by the late Dean, George W. C	amphell, M.D., LL.D.
forty years by the late Dean, George W. C	ampoor, and a second
	John Rankin, Esq \$500
Mrs ( W Campbell 4	Cantlie, Ewan & Co 500
TI A Allan	Robt. Reford 500
Hon D A. Smith 1,500	J. & W. Ogilvie 500
Coarge Stephen, Esq 1,000	Randolph Hersey, Esq 500
D B Angus, Esq	John A. Pillow, Esq 500
George A. Drummond, Esq 1,000	lonn A. Fillow, Lisq.
Alex. Murray, Esq	
Robt. Moat, Esq	
A Friend	
Duncan McIntyre, Esq 1,000	
	Duncan McEachran, Esq.,
	T. G. Roddick, M.D.
	Wm Gardner, M.D
	C P Girdwood, M.D
D D Howard, M.D	G. F. Fenwick, M.D.
Tronk Kuller, W.D.	Alex Ramsay, Esq
	Cochrane, Cassils & Co
	Toseph Hickson, Esq.,,,,
	Allan Gilmour (Ottawa)
	R W Shepherd, Esq
	Miles Williams, Esq.,
	Chas F. Smithers, Esq
Hugh Mckay, Esq 1,000	John Kerry Esq
Hoctor Mckenzle, Esq	A Baumgarten, Esq.,
Thomas Workman, Esq	V R Elmenhorst, Esq
Hugh Mclennan, Esq	W F Lewis, Esq
O S Wood, Esq 1,000	Coo Armstreng, Esq
Tames Burnett, Esq	I M Donglas, Esq
Andrew Robertson, Esq 500	H I vman. Sons & Co
Pobt Mackay, Esq 500	William Osler, M.D
Tohn Hone, Esq 500	F I Shepherd, M.D.
Alex Hrauhart, Esq	Reni Dawson, Esq
F K & G. A. Greene, Esquis.	R Wolff Esq.
D A Smith, Esq 500	Tames Stewart, M.D
Coo Hague, Esq 300	Mrs Cuthbert (New Kichillond)
T K Ward, Esq	0)
Warden King, Esq 5	
John Stirling, Esq 500	J. M. Diake, Miles

H W Thornton MD (N			
H. W. Thornton, M.D. (New		T. J. Alloway, M.D	\$25
Richmond, Q.)	\$100	R. F. Rinfret (Quebec)	20
A. T. Paterson, Esq	100	Robert Howard, M.D. (St.	
M. E. David, Esq	100	Johns)	20
C. B. Hanvey, M.D. (Yale,		Dr. J. & D. J. McIntosh (Van-	20
B.C.)	100	kleek Hill)	20
D. Cluness, M.D. (Nanaimo,		J. E. Brouse, M.D. (Prescott)	
B.C.)	100	J. H. McBean, M.D	20
W. Kinloch, Esq	100	J. C. Rattray, M.D. (Cobden,	15
Hua & Richardson	100	O) Rattray, M.D. (Cobden,	
Hugh Paton, Esq	100	J. H. Howard, M.D. (Lachine).	10
R. T. Godfrey, M.D	100	J. H. Howard, M.D. (Lachine).	10
T. A. Rodger, M.D	100	J. W. Oliver, M.D. (Clifton, O)	IO
W. A. Dyer, Esq		D. A. McDougall, M.D. (Otta-	
Geo. Wood, M.D. (Fairbault,	100	wa, O.)	IO
Min.)		A. Pousette, M.D. (Sarnia, O.).	IO
A. A. Browne, M.D.	100	A. Ruttan, M.D. (Napanee, O.)	10
George Wilkins, M.D	100	James Gunn, M.D. (Durham,	
R I MacDonnell M D	100	0.)	IO
R. L. MacDonnell, M.D.	100	J. McDiarmid, M.D. (Hensall,	
Joseph Workman, M.D. (Tor-		0.)	: 5
onto)	50	W. J. Derby, M.D. (Rockland,	
Sir A. T. Galt	50	0.)	5
Henry Lunam, B.A., M.D.		J. Gillies, M.D. (Teeswater, O.)	5
(Campbellton, N.B.)	50	J. B. Benson, M.D. (Chatham,	,
Griffith Evans, M.D. (Vet. De-		N.B.)	5
partment, Army)	25	L. A. Fortier, M.D. (St. David,	3
J. J. Farley, M.D. (Belleville).	25	Q.)	5
Henry R. Gray, Esq	25	J. A. McArthur, M.D. (Port	3
Louis T. Marceau, M.D. (Na-		Elgin, O.)	5
pierville, Q)	25	John Campbell, M.D. (Sea-	3
R. J. B. Howard, M.D	25	forth, O.)	5
	0 1		2

# McGill University.— Faculty of Medicine.

TIME TABLE—FIRST AND SECOND YEARS, 1886-87.

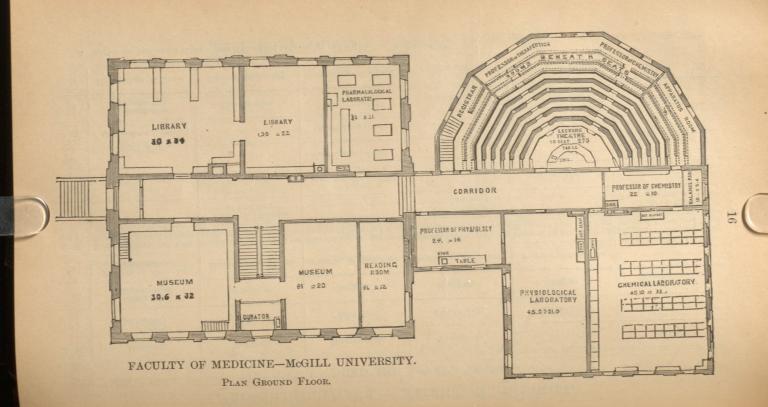
							SATURDAY.
	A.M.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	- OATOADA
	9	Anatomy Examination.	Anatomy.	Anatomy.	Anatomy.	Anatomy.	Hygiene, 2nd or 3rd Year.
	10	* Practical Chemistry, 2nd Year till 12 O'clock.	Practical Chemistry, II. Botany, 1st Year.	Practical Chemistry, 2nd Year.	Practical Chemistry, Botany, 1st Year.	Practical Chemistry, 2nd Year	Practical Chemistry. Practical Physiology. Histology Demonstration.
)	11	Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Montreal Gen'l Hospital.
	P.M.	Physiology Examination.	Physiology.	Physiology.	Physiology.	Histology, 1st Year. Lecture.	
	3	Chemistry Examination.	Chemistry.	Chemistry.	Chemistry.	Chemistry.	
	4	Therapeutics Examination.	Therapeutics.	Therapeutics.	Therapeutics.	Therapeutics.	Practical Physiology, 2nd Year.
	4 to 6		Practical Histology.		Practical Histology.		
	10 to 12 AM	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.

## McGill University.— faculty of Medicine.

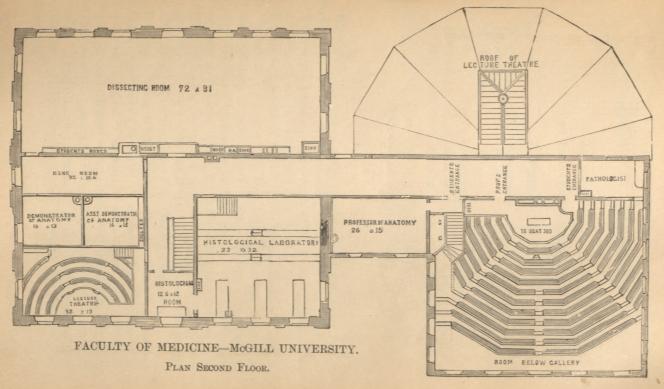
TIME TABLE—THIRD AND FOURTH YEARS, 1886-87.

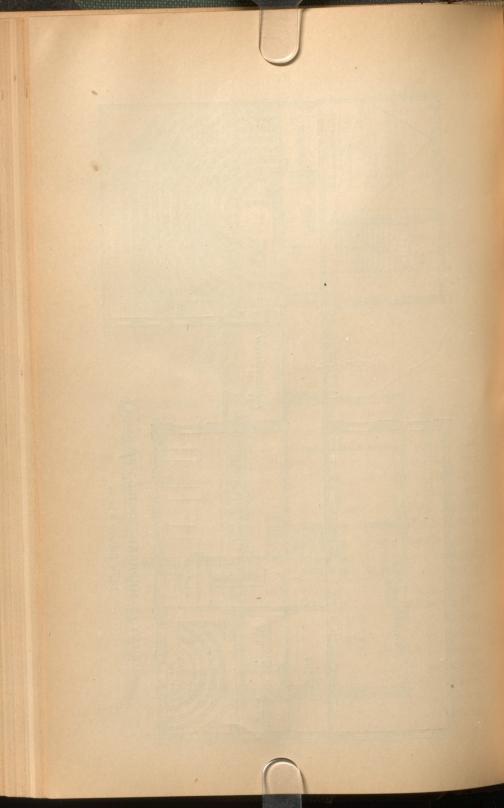
A.M.	Monday.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Midwifery.	Gynæcology.	Midwifery.	Gynæcology.	Midwifery.	
10	Surgery, Examination.	Surgery.	Surgery.	Surgery.	Surgery.	Morbid Anatomy Demonstrations
11	Practice of Medicine, Examination.	Practice of Medicine.	Practice of Medicine.	Practice of Medicine.	Practice of Medicine.	Demonstrations.
P.M. 1-2.30	Medical Clinic, 4th Year. Surgical Clinic, 3rd Year.	Surgical Clinic, 4th Year Medical Clinic, 3rd Year	Medical Clinic, 4th Year Surgical Clinic, 3rd Year	Surgical Clinic, 4th Year Medical Clinic, 3rd Year	Medical Clinic, 4th Year Surgical Clinic, 2rd Year	Surgical Clinic, 4th Year.
1		Clinic on Diseases of Children.		Clinic on Diseases of Children	and a series of the series of	Clinic on Diseases of Children
2					Skin Clinic.	of Children.
2.30			Neurological Clinic.			
2.30	Ophthalmic Clinic.	The state of the s	Ophthalmic Clinic.		Ophthalmic Clinic.	
4	Therapeutics Examination.	Therapeutics.	Therapeutics.	Therapeutics.	Therapeutics.	
4	Gynæcological Clinic.	General Pathology.	Gynæcological Clinic.	Lecture on Ophthalmology.	Gynæcological Clinic.	

Autopsies are performed at the General Hospital between 12 and 2 p.m.









## Faculty of Medicine.

THE PRINCIPAL (ex-officio).

#### Professors:

WRIGHT,	GIRDWOOD,	Browne,
Howard,	Ross,	STEWART,
MACCALLUM,	RODDICK,	WILKINS,
CRAIK,	GARDNER,	PENHALLOW,
FENWICK,	SHEPHERD,	MACDONNELL,
DRAKE,	Buller,	MILLS.

Dean.—R. P. Howard, M.D. Registrar.—J. Stewart, M.D.

The Fifty-fourth Session of the Faculty will be opened on Friday, October 1st, 1886, by an introductory lecture at 3 p.m. The regular lectures will begin on October 4th, at the hours specified in the time table, and will be continued for six months.

The Medical School of McGill University was founded in 1824 as the "Medical Institution" by Drs. John Stephenson, Andrew F. Holmes, William Robertson and William Caldwell. In 1829 the Medical Institution became the Medical Faculty of McGill College. There were no Sessions during the political troubles from 1836 to 1839, and it is owing to this gap that the present is the 54th Session of the Faculty. In reality this is the 58th Session of the school, which is the direct continuation of the Medical Institution.

The new building of the Medical Faculty, which was opened during the past Session, is one of the most complete structures of its kind on this continent or elsewhere. It has been found admirably adapted for the fulfilment of the great aim of the Faculty—to make the teaching of the primary branches as practical and as thorough as possible. The facilities now possessed by the Faculty for the above purpose are equal to those of the most advanced European medical schools.

In addition to the laboratories and dissecting room, there are two large lecture rooms, each capable of comfortably seating 300 students, and one small demonstration room for classes of 50 and under. The space allotted to the library and museum has been largely increased. A large reading room, with waiting and cloak rooms, have been provided for students.

### Dissecting Room.

The Dissecting Room, which is situated on the second floor, is 76 feet in length and 31 feet in breadth. It is furnished with twenty tables, and is well lighted for work during the day and night. In procuring appliances for the comfort and convenience of the students, no reasonable expense has been spared.

In connection with the dissecting room, there is a "Bone room," where students have an excellent opportunity of studying osteology. There are also two distinct rooms for the demonstrators of anatomy.

## Physiological Laboratory.

The Physiological Laboratory, which is situated on the ground floor, is supplied with the most modern apparatus for the practical teaching of this most important branch of the medical curriculum. It contains amongst other valuable instruments, kymographs, various manometers, &c., for demonstrating blood pressure; myographs, rheocords, moist chambers, &c., and various electrical appliances for demonstrating experiments in connection with nerve and muscle; special apparatus for illustrating various points in respiration; apparatus specially suitable for demonstrating the processes of digestion, as well as the chemical composition and nature of the secretions, and the chief constituents of the tissues and nutritive fluids. The laboratory is arranged in such a way as to permit of students assisting at, and taking part in, these demonstrations.

## Histological Laboratory.

The Histological Laboratory is a large, well lighted room on the second floor. It is so arranged that over eighty students can be present at the microscopical demonstrations. For this purpose it is supplied with thirty-five microscropes, all from the well-known makers, Zeiss, Hartnack and Leitz. From the large number of

microscopes employed, students will have special facilities in studying and making themselves thoroughly acquainted with the specimens that are the subjects of demonstration.

#### Pharmacological Laboratory.

The Pharmacological Laboratory is a large room situated on the ground floor, and is now furnished with the necessary appliances for the practical teaching of pharmacy. It is hoped that before another session passes away, the apparatus necessary for the demonstration of the more important actions of many drugs will be in possession of the Faculty.

#### Chemical Laboratory.

The Chemical Laboratory is large, lofty, and well lighted, and can accommodate comfortably 76 men at one time. Each student, when entering on this course, has a numbered table in the laboratory assigned to him for his use during the session. Each table has its own gas and water fixtures, and is provided with shelves for its corresponding set of reagent-bottles, as well as a drawer and locker containing a modern set of chemical apparatus especially adapted for the work. This apparatus is provided by the Professor of Chemistry, and supplied to each student without extra charge. The student is only required to pay for apparatus broken or destroyed.

The laboratory is furnished with a large draught closet for ventilation, sulphuretted hydrogen apparatus, gas and combustion furnaces, &c., giving to the student unsurpassed advantages for acquiring a sound and practical knowledge of medical chemistry.

#### Pathological Laboratory.

In the Pathological Laboratory accommodation will be provided for students or practitioners who desire to carry on private pathological research.

The recent additions made to the laboratory include a suite of rooms exclusively devoted to the study and culture of Bacteria, furnished with a complete outfit of the best modern apparatus for this purpose, including sterilizer, thermostat, &c., &c.

The demonstrations in Morbid Anatomy will be given in a small laboratory specially arranged for the work.

The classes in Pathological Histology will be held in the Histological Laboratory.

The class tickets for the various courses are accepted as qualifying candidates for examination before the various Colleges and Licensing bodies of Great Britain and Ireland, and the College of Physicians and Surgeons of Ontario. The degree in Medicine of this University carries with it at the Licensing Boards of Great Britain the same exemptions in certain subjects as are granted to all colonial degrees.

To meet the circumstances of the General Practitioners in British North America, where there is no division of the profession into Physicians and Surgeons exclusively, the degree awarded upon graduation is that of "Doctor of Medicine and Master of Surgery," in accordance with the general nature and character of the curriculum, as fully specified hereafter. The degree is received by the College of Physicians and Surgeons of the Province of Quebec.

It affords the Faculty great satisfaction to be able to announce that their efforts to secure an endowment have been successful. As shown by the lists on a previous page, over \$50,000 have been subscribed to the Campbell Memorial Fund; and the Hon. Donald A. Smith, on August 1st, 1883, redeemed his promise by handing over to the Governors for the use of the Faculty \$50,000, to be known as the "Leanchoil Endowment."

The Faculty take this opportunity of publicly expressing its sincere thanks to the benefactors to whom the University and the cause of Medical education are thus indebted. It is also extremely gratifying to the Faculty to feel that the memory of its late Dean should have received such a lasting tribute, and that his name should be thus permanently associated with the school he loved, as well as through the liberal gift of Sir George Stephen, Bart., with the Hospital he so long served.

I.

#### MATRICULATION.

It is very important that intending Students should bear in mindthe following:—

- (1.) If residents of Ontario, and desirous of obtaining the license of that Province, they must conform to the regulations regarding the Preliminary Examination, and register before beginning their medical studies.
- (2.) If residents of the Province of Quebec, and desirous of obtaining the license of that Province, they must pass the Matriculation Examination of the Quebec Medical Board before beginning their medical studies.
- (3.) Residents of the Maritime Provinces, and of Manitoba, may present themselves before the Local Medical Boards for the Preliminary Examination. Where the Examination and Standard are equivalent to those of this University, a certificate (bearing the standing of the candidate in the various subjects) will be accepted, and the student may register without further examination or fee.

Graduates in Arts are exempt from the Matriculation.

#### (A).—UNIVERSITY MATRICULATION EXAMINATION.

Students have the option of passing either the Arts or Medical Matriculation of this University. The latter is the same as that recommended by the Medical Council of Great Britain. Examinations in conformity therewith will be held the last Friday and Saturday in March and the third Friday and Saturday in September of each year. Applications may be made to the Registrar of the Faculty till the evening of the previous day. The requirements of the standard for Matriculation are:—(1) English Language, including Grammar and Composition.\* (2) English History. (3) Modern

<sup>\*</sup> The ability of the candidate will be fully tested in the following;—"(I) To write sentences in English on a given theme, attention being given to spelling and punctuation as well as to composition; (2) to write correctly from dictation;

Geography. (4) Latin, including Translation from the original and Grammar. (5) Elements of Mathematics, comprising (a) Arithmetic, including Vulgar and Decimal Fractions; (b) Algebra, including simple Equations; (c) Geometry, including the first two books of Euclid or the subjects thereof. (6) Elementary Mechanics of Solids and Fluids, comprising the elements of Statics, Dynamics and Hydrostatics. (7) One of the following optional subjects:—(a) Greek, (b) French, (c) German, (d) Italian, (e) any other modern language, (f) Logic, (g) Botany, (h) Elementary Chemistry.

Text-Books.—Latin,—Cicero, Orations 1 and 2 against Cataline; or Virgil, Æneid, Bk. I.

GREEK.—Xenophon, Anabasis, Bk. I., or equivalent.

FRENCH.—Charles XII., Two Books.

NATURAL PHILOSOPHY.—Ganot's Physics.

BOTANY.

ELEMENTARY CHEMISTRY.

## (B).—MATRICULATION EXAMINATION

OF THE

## COLLEGE OF PHYSICIANS AND SURGEONS OF QUEBEC.

COMPULSORY SUBJECTS.

- LATIN.—Cæsar's Commentaries, Book V.—Virgil's Æneid, Book V.—The Odes of Horace, Book I.
- ENGLISH.—Sprague's "Six Selections from Washington Irving's Sketch Book."—A play of Shakespeare, viz., "The Tempest," for 1884; Richard III., for 1885; and "The Midsummer Night's Dream," for 1886.
- French.—Fénélon's "Aventures de Télémaque."—A French play, viz., Corneille's "Le Cid," 1884; Molliere's "Le Misanthrope," 1886, and Racine's "Esther" for 1887.

<sup>(3)</sup> to explain the grammatical construction of sentences; (4) to point out the grammatical errors in sentences ungrammatically composed, and to explain their nature; and (5) to give the derivation and definition of English words in common use."

- Belles Lettres.—Principles of the subject. History of the Literature of the age of Pericles in Greece, of Augustus in Rome, of Elizabeth in England, and Louis XIV. in France.
- HISTORY.—Outlines of the History of Greece and Rome, with particular knowledge of England, France and Canada.
- Geography.—A general view, with particular knowledge of England, France and North America.
- ARITHMETIC.—Must include Vulgar and Decimal Fractions, Simple and Compound Proportion, Interest and Percentages, and Square Root.
- Algebra. Must include Fractions and Simultaneous Equations of the First Degree.
- Geometry.—Euclid, Books I., II., III., or the portion of Plane Geometry covered by those Books. Also the measurement of the lines, surfaces and volumes, of regular geometrical figures.

#### OPTIONAL SUBJECTS.

- GREEK.—Xenophon's Anabasis, Book I.—Homer's Iliad, Book I.
- Physics.—Outlines of the subject, as in Ganot's Physics, translated by Atkinson.
- Philosophy.—Elements of Logic and of Moral Philosophy, as in Jevon's Logic and Calderwood's Hand-book of Moral Philosophy.

The Examinations will be held upon the 18th of September, 1886, at Quebec, and on the 7th of May, 1887, at Montreal. Applications to be made to Dr. F. W. Campbell, Montreal, or Dr. Belleau, Quebec, either of whom will furnish schedule giving text books and percentage of marks to be obtained.

Examination Fee, ten dollars. Should the candidate be unsuccessful, one half of the fee will be returned.

Of the four years' study after having passed the Matriculation Examination, three six months' sessions, at least, must be attended at a University, College, or Incorporated School of Medicine, recognized by the "Provincial Medical Board." The first session must be attended during the year immediately succeeding the Matriculation Examination, and the final session must be in the 4th year.

## (c).—MATRICULATION EXAMINATION

OF THE

## COLLEGE OF PHYSICIANS AND SURGEONS OF ONTARIO.

Every one desirous of being registered as a Matriculated Medical Student in the Register of this College, except as hereinafter provided, must present to the Registrar the official certificate of having passed the 3rd class non-professional examination with Latin; whereupon he shall be entitled to be so registered upon the payment of twenty dollars and giving proof of his identity.

Graduates in Arts, or Students having matriculated in Arts in any University in Her Majesty's Dominions are not required to pass this Examination, but may register their names with the Registrar of the College, upon giving satisfactory evidence of their qualifications and upon paying the fee of twenty dollars.

II.

## ENREGISTRATION AND PAYMENT OF FEES.

The following are the University Regulations:-

All Students desirous of attending the Medical Lectures shall, at the commencement of each Session, enrol their names and residences in the Register of the Medical Faculty, and procure from the Registrar a ticket of Enregistration, for which each Student shall pay a fee of \$5; excepting in the Clinical Classes, in which Enregistration for Students of other Schools shall not be compulsory.

The said Register shall be closed on the last day of October in each year. The fees are payable to, and all class tickets will be issued by, the Registrar, and must be paid in advance (except under special circumstances) at the time of enregistration.

Enregistration in the Summer Session is compulsory upon all Students, whether attending one or more of the classes.

III.

# COURSES OF LECTURES.

### ANATOMY.

PROFESSOR FRANCIS J. SHEPHERD.

John Stephenson, 1824. OLIVER T. BRUNEAU, 1842.

WILLIAM E. SCOTT, 1856. FRANCIS J. SHEPHERD, 1883.

Anatomy is taught in the most practical manner possible, and its relation to Medicine and Surgery fully considered. The lectures are illustrated by the fresh subject, moist and dry preparations, sections, models and plates, and drawings on the blackboard.

### PRACTICAL ANATOMY.

Demonstrator - - - - RICHARD L. MACDONNELL.

Assistant Demonstrator - - { WILLIAM R. SUTHERLAND. R. J. B. HOWARD.

Special attention is devoted to this important branch, the teaching being similar to that of the best European schools. The Dissecting Room is open from 8 a.m. to 10 p.m.; the Demonstrators' hours are from 10 to 12 a.m., and 8 to 10 p.m. Special Demonstrations on the Brain, Thorax, Abdomen, Bones, &c., are frequently given. Every Student must be examined at least three times on each part dissected, and if the examinations are satisfactory a certificate is given. Prizes are awarded at the end of the Session for the best examination on the fresh subject. Abundance of material provided.

#### CHEMISTRY.

PROFESSOR GILBERT P. GIRDWOOD.

Andrew F. Holmes, 1824.
Archibald Hall, 1842.

WILLIAM SUTHERLAND, 1849.

1842. ROBERT CRAIK, 1867.

GILBERT P. GIRDWOOD, 1879.

Inorganic Chemistry is fully treated; a large portion of the course is devoted to Organic Chemistry and its relations to Physiology.

The branches of Physics bearing upon or connected with Chemistry also engage the attention of the Class. For experimental illustration abundant apparatus is possessed by the College.

The Chemical Laboratory will be open to members of the class to repeat experiments performed during the course, under the superintendence of the Professor or his Assistant.

# PRACTICAL CHEMISTRY.

PROFESSOR GILBERT P. GIRDWOOD.

Assistant, R. F. RUTTAN.

The course in practical chemistry includes two hours' laboratory work three times a week for three months. The Students are instructed individually in chemical manipulations, blow-pipe analysis, and qualitative determination of the salts, acids, &c., he will require to use in practice. He is required before finishing his course to be familiar with the principles of practical Forensic and Sanitary Chemistry. Special attention is directed to instructing the Student in making accurate notes of his experiments and his conclusions. These notes are examined daily and criticised.

## PHYSIOLOGY.

PROFESSOR T. W. MILLS.

JOHN STEPHENSON, 1824. WILLIAM FRASER, 1849.
STEPHEN C. SEWELL, 1842. JOSEPH M. DRAKE, 1872.
ROBERT L. MACDONNELL, 1845. WILLIAM OSLER, 1874.

T. W. MILLS, 1886.

The purpose of this Course is to make Students thoroughly acquainted, as far as time permits, with modern Physiology; its methods, its deductions, and the basis on which the latter rest. Accordingly a full course of lectures is given, in which both the Experimental and Chemical departments of the subject receive attention.

As during the past two years, in addition to the use of diagrams, plates, models, &c., every department of the subject is experimentally illustrated. The experiments are free from elaborate technique, and many of them are of a kind susceptible of ready imitation by the Student.

# Laboratory work for Senior Students:-

(1.) During the first part of the Session there will be an optional course on Physiological Chemistry, in which the Student will, under direction, investigate food stuffs, digestive action, blood, and the more important secretions and excretions, including urine. All the apparatus and material for this course will be provided. Fee \$6.

(2.) The remainder of the Session will be devoted to the performance of such experiments as are unsuitable for demonstration to a large class in the lecture room, and such as require the use of elaborate methods, apparatus, &c.\* There will be no extra fee for this

part of the course.

As far as possible senior Students who do not share in the above courses will be given an opportunity to take some practical part in the physiological work.

### HISTOLOGY.

### PROFESSOR GEO. WILKINS.

This will consist of a course of ten lectures and twenty-five weekly demonstration with the Microscope. As the demonstrations will be chiefly relied upon for teaching the Microscopic Anatomy of the various structures, the specimens under observation will then be minutely described. Plates and diagrams specially prepared for these lectures will be freely made use of.

Practical Histology.—This is an optional course given by Prof. Wilkins for the purpose, more especially, of teaching Microscopy. It will consist of twenty-five lessons of two hours each. Each Student will be provided with a Microscope and shewn how to use it, and also how to cut, stain and mount specimens for microscopical investigation.

For the purpose of enabling students to observe the different effects of staining, &c., on diseased and healthy structures, a few diseased specimens will be given them to prepare, at the latter part of the course. Students are at liberty to keep all the specimens they prepare. One of the great advantages of this course is that Students

<sup>\*</sup> In selecting those who shall join in this course, preference will be given to Students who take the laboratory work in physiological chemistry, and such as have been most devoted and successful in the pursuit of Physiology during their first year.

will be able to collect a cabinet of 100 or more specimens for reference at any time; these, besides being of great help to them during their College course, they will find especially useful when in active practice for the purpose of comparison with diseased growths. Reagents, and everything except cover-glasses and cabinet cases, provided. Fee, \$12.

# THE MICROSCOPE IN MEDICINE.

DRS. WILKINS and W. G. JOHNSTON.

This is an optional class for third and fourth year Students, and has been divided into two courses. (1) Pathological Histology, 20 lessons (two hours each) given during the winter, in which special attention will be paid to the microscopical study of pathological anatomy, and methods of preparing specimens. Each student will prepare and mount for himself a cabinet of 100 specimens illustrating all the principal lesions of disease. (2) Clinical Microscopy, 20 lessons in the summer session, affording a systematic training in the use of the microscope in the diagnosis of disease, the examination of urine, sputum, blood, pus, tumors and parasites of all kinds. Fee for either course alone \$12, for both courses \$18.

# PHARMACOLOGY AND THERAPEUTICS.

PROFESSOR JAMES STEWART.

Andrew F. Holmes, 1824. Archibald Hall, 1835. Stephen C. Sewell, 1842. A. Hall, 1849.
William Wright, 1854.
James Stewart, 1883.

The course on this subject deals for the most part with the pharmacology and therapeutics of the different medicinal agents. A good deal of attention will be given to the "untoward effects" of drugs, and when possible these effects will be illustrated by the exhibition of living specimens.

The leading officinal agents of the British Pharmacopœia will be fully considered, as will also those drugs of recent introduction into practice which have been found useful, but have not, as yet, found their way into the Pharmacopœia. The following groups of medicinal agents will, on account of their great importance, receive special attention:—1, Cardiac Tonics; 2, Cardiac Depressants; 3,

Motor Stimulants; 4, Motor Depressants; 5, Anæsthetics; 6, Analgesics; 7, Mydriatics; 8, Alteratives; 9, Hæmatinics; 10, Astringents; 11, Purgatives; 12, Digestants; 13, Nutritives; 14, Antiseptics; 15, Antipyretics; 16, Diuretics.

Electro-therapeutics will also be dealt with.

### MEDICINE.

### PROFESSOR R. PALMER HOWARD.

WILLIAM CALDWELL, 1824. ANDREW F. HOLMES, 1842. WILLIAM ROBERTSON, 1833. R. PALMER HOWARD, 1860.

While the lectures on this subject are mainly devoted to Special Pathology and Therapeutics, no opportunity is lost of illustrating and explaining the *general* laws of disease. With the exception of certain affections seldom or never observed in this country, all the important internal diseases of the body, except those peculiar to Women and children, are discussed, and their Pathological Anatomy illustrated by the large collection of morbid preparations in the University Museum, and by fresh specimens contributed by the Demonstrator of Morbid Anatomy.

The College possesses an extensive series of Anatomical plates illustrative of the Histological and Anatomical appearances of disease, and the wards of the General Hospital afford the lecturer ample opportunities to refer to living examples of very many of the maladies he describes, and to give the results of treatment.

#### CLINICAL MEDICINE.

#### PROFESSOR GEORGE ROSS.

Jas. Crawford, 1845 and 1852. R. Palmer Howard, 1856. Robt. L. Macdonnell, 1849. Duncan C. MacCallum, 1860. Stephen C. Sewell, 1850. Joseph M. Drake, 1868.

GEORGE Ross, 1872.

Attendance is given in the Medical Wards of the Montreal General Hospital on three days of every week with the 3rd year students, and three days with those of the 4th year. Accurate reports of all cases are kept by duly appointed clinical clerks, and are systematically read before the class. Instruction is given at the bed-

side, and special inducements are offered to every pupil to take part in the physical examination of patients. The mode of conducting investigations, the use of the microscope, the value of the thermometer and ophthalmoscope, &c., in medical diagnosis, are all explained and illustrated. Senior Students are called upon in rotation to examine new cases before the class, and to be examined thereon as to their general knowledge. In addition, one weekly Clinical Lecture is delivered, bearing upon some case or cases of importance which may happen to be under observation at the time. Special attention is directed to Medical Anatomy, and candidates for the degree will be examined thereon.

### SURGERY.

PROFESSOR GEO. E. FENWICK.

TOHN STEPHENSON, 1824. G. W. CAMPBELL, 1835.

GEO. E. FENWICK, 1875.

The first part of this course consists of Surgical Pathology, illustrated by a large collection of preparations from the College Museum, also specimens as they are obtained from cases under observation at the Hospital, and contributed to that collection by the Hospital pathologist and from private sources. The second part of the course is devoted to the practice of Surgery, in which attention is drawn to cases which have been observed by the class during the previous summer session. The various surgical appliances are exhibited, and their uses and application explained. Surgical Anatomy and Operative Surgery form a special department of this course, and Quain's and Maclise's plates are used in illustration.

## CLINICAL SURGERY.

PROFESSOR THOMAS G. RODDICK.

James Crawford, 1845.

WILLIAM E. SCOTT, 1852.

Duncan C. MacCallum, 1856.

Robert Craik, 1860.

George E. Fenwick, 1867.

Thomas G. Roddick, 1875.

This course is eminently practical, consisting of bedside instruction and lectures delivered weekly, illustrative of surgical cases actually present in the wards of the General Hospital. The class is separated into junior and senior divisions which are taken charge of by the Professor on alternate days, when the reports of the Clinical clerks are read and criticised, and fresh cases are examined by the senior students. The surgical dressings are, as much as possible, reserved for these occasions, so as to give all present an opportunity of participating in the application of splints to fractures, dressing of wounds, minor operations, &c. Major operations are performed in the theatre attached to the Hospital, which is so constructed that the most distant can obtain a fair view of the operations. All the recently invented appliances for the treatment of surgical disease have been introduced into the Hospital.

### MIDWIFERY.

### PROFESSOR A. A. BROWNE.

WILLIAM ROBERTSON, 1824. MICHAEL McCulloch, 1842.

JOHN RACEY, 1833. ARCHIBALD HALL, 1854.

GEO. W. CAMPBELL, 1835. DUNCAN C. MACCALLUM, 1868.

A. A. BROWNE, 1883.

This course will embrace: 1. Lectures on the principles and practice of the obstetric art, illustrated by diagrams, fresh and preserved specimens, the artificial pelvis, &c. 2. Bedside instruction in the University Maternity, including the management and after-treatment of cases. 3. A complete course on obstetric operations with the phantom and preserved fœtuses, in which each final student will perform the various manipulations and operations. 4. The Diseases of Infancy.

#### GYNÆCOLOGY.

#### PROFESSOR WM. GARDNER, 1883.

The course on this subject will comprise two lectures a week throughout the session. The anatomy and physiology of the parts concerned will be first discussed. Then the various methods of examination will be fully described, the necessary instruments exhibited, and their uses explained. After this, the diseases peculiar to the sex will be considered as fully as time will permit, in the following order:—Disorders of Menstruation; Leucorrhœa, its causes and treatment; Pelvic Cellulitis and Peritonitis; Lacerations of the

Cervix Uteri and Perineum; Urinary and Fæcal Fistulæ; Inflammations of the Uterus; Displacements of the Uterus; Tumors of the Uterus: Diseases of the Ovaries.

The lectures will be illustrated as fully as possible by drawings and morbid specimens. The Gynæcological Clinic of the General Hospital furnishes the Professor with ample material to illustrate the subjects considered in the didactic lectures.

### MEDICAL JURISPRUDENCE.

PROFESSOR GEO. WILKINS.

WILLIAM FRASER, 1845.
FRANCIS BADGLEY, 1849.
FRANCIS C. T. ARNOLDI, 1850.
WILLIAM E. SCOTT, 1851.
WILLIAM WRIGHT, 1852.

R. Palmer Howard, 1854.

Duncan C. MacCallum, 1860.

George E. Fenwick, 1867.

William Gardner, 1875.

George Wilkins, 1883.

This course is delivered only during the summer session. It includes Insanity, the subject being treated of in its Medical as well as Medico-Legal aspects. Special attention is devoted to the subject of blood stains, the Clinical, Microscopic and Spectroscopic tests for which are fully described and shown to the class. The various spectra of blood in its different conditions are shewn by Zeiss' Microspectroscope, so well adapted for shewing the reactions with exceedingly minute quantities of suspected material. Recent researches in the diagnosis of human from animal blood are alluded to. In addition to the other subjects usually included in a course of this kind, Toxicology is taken up. The modes of action of poisons, general evidence of poisoning and classification of poisons are first treated of, after which the more common poisons are described, with reference to symptoms, post-mortem appearances, and chemical tests. The post-mortem appearances are illustrated by plates, and the tests are shown to the class.

## OPHTHALMOLOGY AND OTOLOGY.

PROFESSOR FRANK BULLER, 1883.

Will include a course of lectures on diseases of the Eye and the Ear, both Didactic and Clinical. In the former the general prin-

ciples of diagnosis and treatment will be dealt with; in the latter, cases illustrative of the typical forms of ordinary diseases of these organs will be exhibited and explained to the class, and afterwards placed under the special care of gentlemen who may show themselves competent to take charge of them. A course of Operations on the cadaver will be open to such students as may wish to avail themselves of the same.

### HYGIENE.

PROFESSOR R. L. MACDONNELL.

George Ross, 1871.

ROBERT T. GODFREY, 1875.

THOS. G. RODDICK, 1873.

WILLIAM GARDNER, 1879.

R. L. MACDONNELL, 1886.

This course of Lectures will be delivered during the summer session only. It comprises lectures on Drinking Water and Public Water Supplies; conditions of Soil and Water as affecting health, including Drainage and the various methods for the removal of Excreta; the Atmosphere, including Heating and Ventilation; Individual Hygiene, comprising the subjects of Food and Drink; Physical Exercise and Bathing; discussion of the respective merits of the various forms of each, precautions, contra-indications, &c. Village Sanitary Associations; Mutual Protective Sanitary Associations for cities.

#### BOTANY.

PROFESSOR D. P. PENHALLOW.

Andrew F. Holmes, 1829.

Dr. Papineau, 1845.

JAMES BARNSTON, 1857.

J. W. DAWSON, 1855.

D. P. PENHALLOW, 1883.

The course in Botany includes General Morphology, Histology, Physiology and Classification. It is designed to give special prominence to Physiology, which will be made comparative whenever practicable. The course is illustrated by the microscope and gas microscope, and by the collection, models and apparatus in the Peter Redpath Museum.\*

<sup>\*</sup> Exemptions from Botany in the Matriculation, for Arts Students, do not entitle Students to exemptions in the First year.

### ZOOLOGY.

PROFESSOR SIR WILLIAM DAWSON.

This course includes a systematic study of the classification of animals, illustrated by Canadian examples and by the collections in the Peter Redpath Museum. It forms a suitable preparation for collecting in any department of Canadian Zoology and Palæontology, and an introduction to Comparative Physiology. It may be taken instead of Botany, or along with it, without any additional fee.

Students in Botany or Zoology will receive tickets to the Peter Redpath Museum, and to the Museum of the Natural History Society of Montreal.

### PATHOLOGY.

W. G. JOHNSTON, DEMONSTRATOR.

This Course comprises :-

1. Twenty lectures on General Pathology to students of the 3rd

2. Pathological Demonstrations weekly—Saturday at 10 a.m. Specimens of all kinds collected during the week, and their gross and microscopic appearances are demonstrated to the final classes. In addition, special demonstrations in Pathological Histology are given throughout the session.

3. Instruction in Post-Mortems. The Autopsy Room of the General Hospital is in charge of the Demonstrator. The post-mortems are performed by the students in rotation under his direction, and systematic demonstrations of post-mortem methods, including those to be followed in Medico-Legal cases, will also be given.

Extracts from the University Regulations with respect to the Courses of Lectures:—

rst. Each Professor shall deliver at least five Lectures during the week, except in Medical Jurisprudence and Botany, if extended through six months, in which case three Lectures a week will suffice.

2nd. Every Lecture shall be of one hour's duration.

3rd. Every Professor shall occasionally examine his class upon the subjects treated of in his preceding Lectures, and every such examination shall be considered as a Lecture.

4th. A roll of the names of the Students attending such class shall be called from time to time.

#### IV.

## QUALIFICATIONS FOR THE DEGREE.

The following are Extracts from the Regulations respecting the qualifications of Candidates for the Degree in Medicine:—

No one entering after October 1st, 1884, will be admitted to the Degree of Doctor of Medicine and Master of Surgery, who shall not have attended Lectures for a period of at least four six months' sessions and one three months' summer session\* in this University, or some other University, College or School of Medicine, approved of by this University.

2nd. Candidates for Final Examination shall furnish Testimonials of attendance on the following branches of Medical Education, viz.:—

ANATOMY.

PRACTICAL ANATOMY.

PHYSIOLOGY.

CHEMISTRY.

MATERIA MEDICA AND THERAPEUTICS.
PRINCIPLES AND PRACTICE OF SURGERY.

MIDWIFERY AND DISEASES OF WOMEN AND CHILDREN.

THEORY AND PRACTICE OF MEDICINE.

CLINICAL MEDICINE. CLINICAL SURGERY.

MEDICAL JURISPRUDENCE.

PRACTICAL CHEMISTRY.

BOTANY OR ZOOLOGY. HYGIENE.

HISTOLOGY.

GENERAL PATHOLOGY.

Of which Two Courses will be rerequired of Six Months' duration.

Of which One Course of Six Months, or Two Courses of Three Months will be required.

Of which One Course will be required of Three Months' duration.

Ten Lectures and Twenty-five Demonstrations.

Twenty Lectures.

Provided, however, that Testimonials equivalent to, though not precisely the same as those above stated, may be presented and accepted.

3rd. The Candidates must give proof by ticket of having attended during

<sup>\*</sup> To be taken after 3rd Winter Session.

eighteen months the practice of the Montreal General Hospital, or that of some other Hospital approved of by this University, and have compounded medicines for six months.

4th. He must also give proof by ticket of having attended for at least six months the practice of the University or other Lying-in-Hospital approved of by this University, and of having attended at least six cases of labor.

5th. No one will be permitted to become a Candidate for examination who shall not have attended at least one Session of this University, and one full course of all the branches included in its curriculum.

6th. Courses of less length than the above will only be received for the time over which they have extended.

7th. Every Candidate for the Degree must, on or before the fifteenth of February, present to the Registrar of the Medical Faculty testimonials of his qualifications, entitling him to an examination, and must at the same time deliver to the Registrar of the Faculty the following Certificate:—

MONTREAL, \_\_\_\_\_ 13-

I, the undersigned, being desirous of obtaining the Degree of Doctor of Medicine and Master of Surgery, do hereby declare that I have attained the age of twenty-one years, or (if the case be otherwise), that I shall have attained the age of twenty-one years before the next graduation day, and that I am not (or shall not be at that time) under articles as a pupil or apprentice to any Physician, Surgeon, or Apothecary.

(Signed), A.B.

8th. The trials to be undergone by the Candidate shall be such as are referred to under Section V.

9th. The following Oath or affirmation will be exacted from the Candidate before receiving his degree:—

#### SPONSIA ACADEMICA.

In Facultate Medicinæ Universitatis.

Ego, A. B., Doctoratus in Arte Medica, titulo jam donandus, sancto coram Deo cordium scrutatore, spondeo;—me in omnibus grati animi officiis erga hanc Universitatem, ad extremum vitæ halitum, perseveraturum; tum porro artem medicam caute, caste, et probe exercitaturum; et quoad in me est, omnia ad ægrotorum corporum salutem conducentia, cum fide procuraturum; quæ denique, inter medendum, visa vel audita silere conveniat, none sine gravi causa vulgaturum. Ita præsens mihi spendenti adsit Numen.

10th. The fee for the Degree of Doctor of Medicine and Master of Surgery shall be thirty dollars, to be paid by the successful candidate immediately after examination.

### V.

### EXAMINATIONS.

In each class a weekly examination is held to test the progress of the Student; and in addition two or three written examinations are given throughout the Session.

The examination at the close of each Session are arranged as follows:—

### First Year.

Pass Examination in HISTOLOGY and BOTANY.

Sessional Examination in ANATOMY, CHEMISTRY, and PHYSI-OLOGY.

A maximum of one hundred marks will be allowed for the Sessional Examination, which marks shall be reckoned in the ranking of the candidate after the examination of the following year.

### Second Year.

Pass Examination in Anatomy, Chemistry, Practical Chemistry and Physiology.

Sessional Examination in PHARMACOLOGY and THERAPEUTICS.

One hundred marks will be allowed for the Sessional Examination, which marks shall be reckoned in the ranking of the candidate after the examination of the following year.

### Third Year.

Pass Examination in Pharmacology and Therapeutics, Medical Jurisprudence,\* Hygiene and Pathology.

### Fourth Year.

Pass Examination in Medicine, Surgery, Obstetrics, Clinical Medicine, Clinical Surgery.

By means of the above arrangement a certain definite amount of work must be accomplished in each year, and an equitable division is made between the Primary and Final branches.

With regard to the Primary Examination at the end of the second year, it remains optional with the Student whether he passes in all the branches or leaves two for the third year. In any case, Chemistry and one other must be taken at the close of the second year.

<sup>\*</sup> The examinations in Hygiene and Medical Jurisprudence are held at the close of the summer session.

VI.

# MEDALS AND PRIZES.

rst. The Holmes Gold Medal, awarded to the Student of the graduating class who receives the highest aggregate number of marks for the best examinations, written and oral, in both Primary and Final branches.

The Student who gains the Holmes Medal has the option of exchanging it for a Bronze Medal, and the money equivalent of the Gold Medal.

and oral, in the Final branches. The gold medallist is not permitted to compete for this prize.

3rd. A Prize in Books awarded for the best examination, written and oral, in the Primary branches.

4th. The Sutherland Gold Medal, awarded for the best examination in Theoretical and Practical Chemistry, together with creditable examination in the Primary branches.

5th. A Prize in Books for the best examination in Practical Anatomy.

6th. Prizes in Botany.

A Prize in Books for the best examination.

\* A Prize of \$20 for the best named collection of Canadian plants.

VII.

#### FEES.

Distributed according to years, the Class Fees are as follows:-

### First Year.

Tilso Tour.	4000
Anatomy	\$12
Physiology	6
Histology	12
Chemistry	

<sup>\*</sup> This Prize is open to both Medical and Art Students.

Practical Anatomy	
Botany Dissecting Material	12
Pissecting Material	5
Enregistration	5
T-1-1	_ 5
Total	\$69
Second Year.	Eleks.
Anatomy Practical Anatomy	\$12
Practical Anatomy	12
Physiology	12
Practical Chemistry	12
Chemical Reagents *	12
Materia Medica	3
Hygiene	12
Dissecting Material	6
Enregistration	5
	5
Total	\$91
	47-
Third Year.	
Medicine	12
Materia Medica	12
Clinical Medicine	12
Surgery	12
Clinical Surgery	12
Midwifery and Gynæcology	12
Medical Jurisprudence	IO
Pathology.	10
Enregistration	5
Total	000
	\$97
Fourth Year.	
Medicine	\$12
Surgery	12
Clinical Medicine	12
Clinical Surgery	12
Midwifery and Gynæcology	12
Enregistration	5
Total	
	565
HOSPITAL FEES.	
Montreal General Hospital, Perpetual Ticket	20
* Eximile for St. 1	

<sup>\*</sup> Exigible for Students entering Session 1886-87.

University Dispensary	Free	
University Dispensary	8	
University Dispensary University Maternity		
Total	\$28	
Total		
Graduation Fee	\$30	
Graduation Fee, payable only if the Student takes the Univer-		
. ar . 'lation	5	
Total Collegiate and Hospital expenses, spread over four years,		
Total Collegiate and riospital expenses, 4	\$375	
about		

It is to be understood that a Student wishing to take any other class than that of his year can do so on payment of the class fee.

Fees are payable in advance, to the Registrar, at the time of enregistration.

### VIII.

## TEXT BOOKS.

(Prices current in Montreal.)

Anatomy.—Gray, \$6; Wilson, \$4; Quain (Eng. Ed.) \$9.75.

PRACTICAL ANATOMY.—Heath's Dissector, \$4.50; Ellis' Dissector, \$4.25; Holden's Dissector, \$5; and Landmark's, \$1.

Physics.—Balfour Stewart.

INORGANIC CHEMISTRY.—Madan Wilson's; Millar.

ORGANIC CHEMISTRY.—Armstrong.

PRACTICAL CHEMISTRY.—Odling, \$1.75; Galloway, Fresenius, \$5.

PHARMACOLOGY and THERAPEUTICS.—Wood, \$6; Lauder Brunton, \$6; Scoresby Jackson, \$3.75; Whitla, 3.50; and Bruce

Physiology.—Huxley's Elementary Lessons, \$1.35; Yeo; Foster, \$3.25; Dalton, \$5.

PATHOLOGY.—Virchow on Post-Mortems, \$1; Green, \$2.50.

Histology.—Klein's Elements, \$1.50; Schäfer's Essentials of Histology.

Surgery.—Holmes' Surgery (Eng. Ed.) \$9; Erichsen, \$8.50; Druitt, \$4; Bryant, \$6.50.

Practice of Medicine.—Flint, \$5.50; Roberts, \$5; Bristowe, \$5; DaCosta, \$6; Fagge.

For Reference.—Pepper's System of Medicine.

CLINICAL MEDICINE.—Graham Brown's Manual of Diagnosis, \$3.25; Finlayson's Clinical Manual, \$2.60; Flint on Auscultation and Percussion, \$1.60; and Loomis on Physical Diagnosis, \$3.00.

MEDICAL JURISPRUDENCE.—Husband, \$3.25; Guy and Ferrier, \$3.75.

MIDWIFERY.—Lusk, \$5; Playfair, \$4; or Leishman, \$4.50.

GYNÆCOLOGY.—Edis, \$3; Goodell's Lessons, \$4; Hart and Barbour's Manual, \$7.50; Thornburn.

Hygiene.—Parks, \$5.50; Wilson (Eng. Ed.) \$3.25.

BOTANY.—Gray's Text Book of Histology and Physiology.

Zoology.—Sir William Dawson's Handbook of Canadian Zoology.

### IX.

### MUSEUM.

Most of the usual Pathological Specimens are collected here, obtained from Hospital and private practice. They are largely used in illustrating the lectures on Medicine and Surgery. There are also wax and papier-maché models.

During the past few years numerous and extremely important additions have been made to the Medical Museum.

It is particularly rich in specimens of Aneurisms. In addition to containing a large number of the more common varieties of these formations, there are specimens of such rare conditions as Aneurism of the Hepatic and Superior Mesenteric Arteries, Traumatic Aneurism of the Vertebral, together with several of the cerebral and pulmonary arteries. The most important collection probably in existence of hearts affected with "Malignant Endocarditis" is also

found. The Faculty are indebted to Prof. Osler, late of this University, for this collection.

Specimens representing morbid alterations of the liver, including Cirrhosis (a beautiful specimen of the Hypertrophic form, weighing 9½ lbs.), Hydatids, Cancer, Abscess, Suppurative Hepatitis following Aneurism of the Hepatic Artery. This section also contains a large number of Biliary Calculi.

Intestines and Peritoneum.—Specimens illustrating the Morbid Anatomy of Typhoid Fever, Tropical Dysentery, Ulceration, and

Malignant Disease.

Urinary Organs.—Besides the various forms of Bright's Disease, there are a number of specimens of Surgical and Cystic Kidneys, together with two specimens of Myelo-Sarcoma. A cabinet of Urinary Calculi, collected by Dr. Fenwick, is the property of the Museum.

Bones and Joints.—During the past year the faculty have made very extensive additions to the specimens illustrating diseases of the bones and joints.

Nervous System.—In this section are included a most beautiful collection of Brains prepared by Dr. Osler after the method of Giacomini. Besides those illustrating pathological defect, there are specimens of the brains of horse, cow, dog, cat, pigeon, goose. lion, bear, seal, &c.

The Museum also contains a small collection of human abnormalities made by Dr. Shepherd during the time he was Demonstrator of Anatomy.

X.

## LIBRARY.

The Library of the Medical Faculty now comprises upwards of ten thousand volumes, the largest special library connected with any medical school on this continent.

The standard text-books and works of reference, together with complete files of the leading periodicals, are on the shelves. Students may obtain books on making a deposit of \$5, which is refunded on returning the volumes.



#### XI.

# M'GILL MEDICAL SOCIETY.

This Society, composed of enregistered Students of the Faculty meets once a week during the Summer Session, and fortnightly during the Winter, for the reading of papers and the discussion of medical subjects. It is presided over by a physician chosen by the members.

A reading room has been established in connection with the Society, in which the leading English and American Medical Journals are on file.

#### XII.

## COST OF LIVING, &c.

This will, of course, vary with the tastes and habits of the Student, but the necessary expenses need not exceed those in smaller towns. Good board may be obtained from \$15 to \$20 per month. A list of boarding-houses is prepared annually by the Secretary of the University, and may be procured from the Janitor at the Medical College.

#### XIII.

#### HOSPITALS.

### Montreal General Hospital.

The Montreal General Hospital is the most extensive clinical field in the Dominion. A much larger number of in-door and out-door patients receive treatment there than in any other Canadian Hospital. Last year's report shows that 2,347 Medical and Surgical cases were treated in the wards, and the great proportion of these were acute cases, as may be gathered from the fact that the average duration of residence was only 23.6 days.

The large number of out-door patients that are treated in the Hospital—averaging from sixty to seventy daily—supply illustrations of

most of the diseases of infants and children, of very many of the eye and skin, and of those chronic and ill-defined ailments which, as they do not require admission to the wards of a hospital, would not otherwise come under the observation of the Student.

The large number of patients affected with diseases of the eye and ear, now attending the out-door department, will afford Students ample opportunity to become familiar with all the ordinary affections of those organs, and to make themselves proficient in the use of the ophthalmoscope, and it is hoped that every student will thus seek to gain a practical knowledge of this important branch of Medicine and Surgery. Operations are performed on the eye by Dr. Buller, after the out-door patients have been seen, and Students are invited to attend the same, and, as far as practicable, to keep such cases under observation so long as they remain in the Hospital.

There are now special departments in the Hospital for Gynæcology and Laryngology, presided over by Specialists in these branches. Students are thus enabled to acquire special technical knowledge under skilled direction. The plan of teaching practical gynæcology for the past five years with marked success has been the limitation of the number of Students to two or three, who, in rotation, assist at the examinations, and receive instruction in the diagnosis and treatment of uterine diseases and the use of gynæcological instruments.

CLINICAL CLERKS in both medical and surgical wards are appointed every three months, and each one during his term of service conducts, under the immediate directions of the Clinical Professors, the reporting of all cases in the ward allotted him. The holding of one of these offices is found to be of the greatest possible advantage to Students, as affording a true *practical* training for his future professional life. They will be awarded on application at the end of each Session to final Students of that year, in order of their standing in the primary examination.

DRESSERS are also appointed to the Surgical wards and to the Out-door Department. For these appointments application is to be made to the Professor of Clinical Surgery, and to the Out-door attending Physicians and Surgeons.

The Operating Room (used also for a lecture room) is so constructed as to enable the Students to obtain a good view of the operations.

### Montreal Dispensary.

#### ST. ANTOINE STREET.

Over 12,000 patients yearly are treated at this Institution. The cases are of great variety, comprising a large number of pulmonary affections and children's diseases. Minor operations are of daily occurrence, and excellent practice is afforded in the application of splints and bandages. The attending Physicians furnish Students with all possible facilities. The hours of attendance are from 12 to 2 daily.

## University Maternity Hospital.

The Faculty have great pleasure in announcing that the Corporation of the University Maternity have in contemplation the erection of a large and comfortable maternity building. It will be constructed with all those modern improvements which science and experience have demonstrated to be of value in this class of buildings. Students will in future, therefore, have much more abundant opportunities for becoming practically acquainted with Midwifery practice The Maternity will, as in the past, be under the direction of the Professor of Midwifery, and Students who have already attended one course of his lectures will be furnished with cases in rotation. They are advised to attend this Institution as much as possible during the summer, when, since there are as many patients and not so many pupils as in winter, a larger proportion of cases falls to the share of each.

### University Dispensary.

This Dispensary is a pure Polyclinic, being used only for the teaching of special departments of Practical Medicine and Surgery. Instituted a number of years ago, it has been found very successful, fulfilling the aims of the University in giving Students special training in certain branches not elsewhere so readily obtainable. At the present time there are three special Clinics connected with this Dispensary.

Diseases of Children.—The Clinic is on Tuesdays, Thursdays and Saturdays at I p.m., when the patients are seen and instruction given on the cases.

Diseases of the Skin .- The Surgeon in charge will attend every

Friday at 2 p.m. Arrangements will be made whereby a limited number of students can be present on each occasion.

Diseases of the Nervous System.—The Physician in charge will attend every Monday and Friday at 11 a.m. Students will have an opportunity in this Clinic of seeing and examining many of those obscure and chronic diseases of the brain and spinal cord which are now attracting so much attention in the medical world.

### XIV.

# STUDENTS' APPOINTMENTS.

General Hospital—Three Resident Medical Officers.
University Maternity.—One Resident Medical Officer.
Out-door Dressers.

Dressers in Eye and Ear Department.

Surgical Dressers (In-door).

Medical Clinical Clerks.

Post-mortem Clerks.

Clinical Clerk, Gynæcology.

- " Laryngology.
- " Diseases of Children.
- " Dermatology.
- " Diseases of Nervous System.

Student Demonstrators of Anatomy, 4 third-year Students.

Prosectors to Chair of Anatomy, 2.

Assistants in Practical Histology Course, 2.

Assistants in Practical Physiology Course, 4.

Assistants in Practical Chemistry, 2.

### XV.

### RULES FOR STUDENTS.

1. In the case of disorderly conduct, any Student may, at the discretion of the Professor, be required to leave the Class-room. Persistence in any offence against discipline after admonition by the

Professor shall be reported to the Dean of the Faculty. The Dean may, at his discretion, reprimand the Student, or refer the matter to the Faculty at its next meeting, and may in the interval suspend from classes.

- 2. Absence from any number of lectures can only be excused by necessity or duty, of which proof must be given, when called for, to the Faculty. The number of times of absence, from necessity or duty, that shall disqualify for the keeping of a Session, shall in each case be determined by the Faculty.
- 3. While in the College, Students are expected to conduct themselves in the same orderly manner as in the Class-room.
- 4. When Students are brought before the Faculty under the above rules, the Faculty may reprimand, impose fines, disqualify from competing for prizes and honors, suspend from Classes, or report to the Corporation for expulsion.

### XVI.

### PAST SESSION.

The total number of Students enregistered in this Faculty during the past year was 237, of whom there were, from—

Ontario	113	West Indies
Quebec	64	England I
Nova Scotia	19	British Columbia 1
New Brunswick		Manitoba I
United States	9	Asia Minor I
Prince Edward Island	6	South America I
Newfoundland	2	

The following gentlemen, 53 in number, have passed their Primary Examination on the following subjects: Anatomy, Practical Anatomy, Chemistry, Practical Chemistry, Physiology, Histology and Botany.

Boyd, Jay Vankleek Hill, O.
Berry, R. PLindsay, O.
Bradley, W. I., B.AOttawa, O.
Cameron, K Montreal, Q.
Christie, W., B.ALachute, Q.
Clouston, J. R Leeds, O.

Martintown, Q.

Conroy, C. P	Martintown, Q.
T 1 F I	Newcastre, 11. D.
T . C T	Laston's Conners, C.
T . C T	Trapici ville, C.
THE HEAD RA	ot. Joini, 11. D.
Gunne, N. D.	. Ailsa Craig, O.
Graham, J	. Carp, O.
Hall, A. G	. Franklin Centre, Q.
Hewitt, J	. Ouebec, Q.
Hoare, C. W	. Strathroy, O.
Hoare, C. W	. Cookshire, Q.
Hubbard, O. H	Gilsam, N. H., U. S.
Kennedy, J. H	Lindsay, O.
Kennedy, J. H. Kenney, F. L., B.A	St. John. N.B.
Kenney, F. L., B.A	Clarenceville, O.
Kincaid, R. M	Kentville, N. S.
Kirkpatrick, E. A	Keswick Bridge, N. S.
Long, C. H	Alexandria O.
McKinnon, H	Morrisburg O.
Macdonnell, AE. J., B.A	Soral O
McCarthy, J. G	Penfrew ()
McDonald, Geo	Wieldem N B
McDonald, A. D	Disinfield N S
McKay, H. H	America O
McFarlane, M	Amprior, O.
McLennan, D	Dunyegan, O.
McMartin, D. R	Martintown, O.
McDougall, D. S	Russell, O.
Morrow, C	Russell, O.
Murray, D	Plainfield, N.S.
Orr, A. E	Cookshire, Q.
Orr, J. E	Mount Elgin, O.
Orton, T. H	Hamilton, O.
Park. P. C	Durham, O.
Potts T M	Belleville, O.
Pothier J. C	Woonsocket, R. I., C. S.
Pearman, H. V	Halitax, N. S.
Robertson, A. G	Iroquois; O.
Schmidt, A. F	Montreal, Q.
Stewart, A. D., B.A	Arundel, Q.
Springle, J. A	Montreal, Q.
Thomas, W. R	Elkhart, Man.
Thompson, J. H	Gananoque, O.
Weagant, R. A	Hoasic, O.
Wetmore, F. H	Bloomfield, N. B.

Wilkins, H. P	 	 	Toronto, O.
Wylde, C. F.	 	 	Halifax, N. S.

The following gentlemen, 46 in number, have fulfilled all the requirements to entitle them to the degree of M.D., C.M. from the University. In addition to the Primary subjects mentioned, they have passed a satisfactory examination, both written and oral, on the following subjects: Principles and Practice of Surgery, Theory and Practice of Medicine, Obstetrics and Diseases of Women and Children, Medical Jurisprudence, Pathology and Hygiene,—and also Clinical Examinations in Medicine and Surgery conducted at the bedside in the Hospital:

Armitage, J. H	. Newmarket, O.
Aylen, P	
Birkett, H. S	
Boggs, G. W	
Campbell, A. W	
Cattanach, W. S	
Clarke, J. L	
Craig, M. A	
Crocket, W. C., B.A	
Decow, D. McG	
Gairdner, T. M	. Bayfield, O.
Gibson, J. B	
Gladman, G. J	Lindsay, O.
Graham, J	. Carp, O.
Grant, J. H. Y	. Ottawa, O.
Groves, W	Carp, O.
Haythorne, T. J., B.A	Charlottetown DEI
11 J., D.11	Charlottetown, F.E.I.
Hughes, P. H	
	Strathroy, O.
Hughes, P. H	Strathroy, O. Cumming's Bridge, O.
Hughes, P. H	Strathroy, O. Cumming's Bridge, O. Montreal, Q.
Hughes, P. H  Kennedy, R.A., B.A  Kinloch, J. A	Strathroy, O. Cumming's Bridge, O. Montreal, Q. Montreal, Q.
Hughes, P. H  Kennedy, R.A., B.A  Kinloch, J. A  Kirkpatrick, R. C., B.A	Strathroy, O. Cumming's Bridge, O. Montreal, Q. Montreal, Q. Plainfield, N.S.
Hughes, P. H Kennedy, R.A., B.A Kinloch, J. A Kirkpatrick, R. C., B.A Murray, D	Strathroy, O. Cumming's Bridge, O. Montreal, Q. Montreal, Q. Plainfield, N.S. Duart, O.
Hughes, P. H.  Kennedy, R.A., B.A.  Kinloch, J. A.  Kirkpatrick, R. C., B.A.  Murray, D.  McCollum, E. P.	Strathroy, O. Cumming's Bridge, O. Montreal, Q. Montreal, Q. Plainfield, N.S. Duart, O. Vanleek Hill, O.
Hughes, P. H.  Kennedy, R.A., B.A.  Kinloch, J. A.  Kirkpatrick, R. C., B.A.  Murray, D.  McCollum, E. P.  McCuaig, W. J.  McGannon, T. G.  McKay, J. M.	Strathroy, O. Cumming's Bridge, O. Montreal, Q. Montreal, Q. Plainfield, N.S. Duart, O. Vanleek Hill, O. Prescott, O. River John, N.S.
Hughes, P. H.  Kennedy, R.A., B.A.  Kinloch, J. A.  Kirkpatrick, R. C., B.A.  Murray, D.  McCollum, E. P.  McCuaig, W. J.  McGannon, T. G.	Strathroy, O. Cumming's Bridge, O. Montreal, Q. Montreal, Q. Plainfield, N.S. Duart, O. Vanleek Hill, O. Prescott, O. River John, N.S.
Hughes, P. H.  Kennedy, R.A., B.A.  Kinloch, J. A.  Kirkpatrick, R. C., B.A.  Murray, D.  McCollum, E. P.  McCuaig, W. J.  McGannon, T. G.  McKay, J. M.  Orton, T. H.  Osborne, A. B.	Strathroy, O. Cumming's Bridge, O. Montreal, Q. Montreal, Q. Plainfield, N.S. Duart, O. Vanleek Hill, O. Prescott, O. River John, N.S. Hamilton, O. Hamilton, O.
Hughes, P. H.  Kennedy, R.A., B.A.  Kinloch, J. A.  Kirkpatrick, R. C., B.A.  Murray, D.  McCollum, E. P.  McCuaig, W. J.  McGannon, T. G.  McKay, J. M.  Orton, T. H.  Osborne, A. B.  Poole, Alf.	Strathroy, O. Cumming's Bridge, O. Montreal, Q. Montreal, Q. Plainfield, N.S. Duart, O. Vanleek Hill, O. Prescott, O. River John, N.S. Hamilton, O. Wakefield, O.
Hughes, P. H.  Kennedy, R.A., B.A.  Kinloch, J. A.  Kirkpatrick, R. C., B.A.  Murray, D.  McCollum, E. P.  McCuaig, W. J.  McGannon, T. G.  McKay, J. M.  Orton, T. H.  Osborne, A. B.  Poole, Alf.  Pomeroy, L. E. Mc., B.A.	Strathroy, O. Cumming's Bridge, O. Montreal, Q. Montreal, Q. Plainfield, N.S. Duart, O. Vanleek Hill, O. Prescott, O. River John, N.S. Hamilton, O. Hamilton, O. Wakefield, O. Tweed, O.
Hughes, P. H.  Kennedy, R.A., B.A.  Kinloch, J. A.  Kirkpatrick, R. C., B.A.  Murray, D.  McCollum, E. P.  McCuaig, W. J.  McGannon, T. G.  McKay, J. M.  Orton, T. H.  Osborne, A. B.  Poole, Alf.	Strathroy, O. Cumming's Bridge, O. Montreal, Q. Montreal, Q. Plainfield, N.S. Duart, O. Vanleek Hill, O. Prescott, O. River John, N.S. Hamilton, O. Hamilton, O. Wakefield, O. Tweed, O. Cornwall, O.

Raymond, G. H., B.A	Springfield, N.B.
Raymond, G. H., B.A	. Lennoxville, Q.
Robertson, F. D., B.A	Montreal, O.
Ross, L. F., B.A	Manatick O
Ross, L. P., D.R.	Manotick, O.
C-1: 4 A F	Montical, &.
C-1-14 A T	Fairbauit, Mail.
Seery, F. J	Fredericton, N.B.
Thomas, W. R	Elkhart, Man.
Thomas, W. R	Russell O
Turnbull, R	Casenanand NAd
White, F. J	Greenspond, 14nd.
White W. W., M.A	St. Johns, N.B.
Williams, J. F	Barrie, O.
Wilson, C. W	Cumberland, O.
Worthington, A. N	Sherbrooke, Q.
Worthington, A. N	

# The following have passed in Anatomy:

Bell, J. H. Castleman, A. L. Mackinnon, G. W.	Berry, J. A. Chalmers, W. W. Metcalfe, F. T. Young, H. E.	Beaudry, J. S. Lafferty, A. M Porter, J. A.
	Young, H. E.	

# The following have passed in Chemistry:

Baer, D. C.	Cameron, J. J.	Castleman, A. L.
Dewar, C. P.	Hall, A. G.	Hubert, P. T. H.
Kerr, Norman	Creasor, J. A.	Campbell, G. G.
McPhail, J. A.	Moffat, Robert	Patton, H. A.
Slater, H.	Taylor, W. B.	Wheeler, C. L.

# The following have passed in Practical Chemistry:

Beaudry, J. S.	Bayne, C. W.	Baer, D. C.
Dewar, C. P.	Ellard, J.	Creasor, J. A.
Greene, T. J.	Goodwin, W. W.	Esson, F. G.
Hamilton, A.	Irwin, W. T.	Hubert, P. T. H.
Kerr, Norman	Long, W. M.	Kemp, H. D.
Metcalfe, F. T.	Mowatt, M. M.	McCallum, O. H.
McKinnon, G. W.	McDonald, A. L.	Moffatt, R.
Slater, H.	Stewart, W. G.	Wheeler, C. L.
	Walker, S. L.	

# The following have passed in Materia Medica and Therapeutics:

Alyen, J. P.	Berry, J. A.	Cameron, K.
Cameron. J. J.	Dewar, C. P.	Donald W. M
Hall, A. G.	Quirk, E. L.	Young, H. E.

# The following have passed in Physiology:

Baer, D. C.	Greene, T. J.	Mackinnon, G. W.
Bayne, C. W.	Hubert, P. T. H.	Metcalfe, F. T.
Beaudry, J. S.	Kemp, H. D.	Moffatt, M. Mc.
Davis, A. H.	Kerr, Norman.	Quirk, E. L.
Goodwin, W. W.	Long, M. W.	Stewart, W. G.

## The following have passed in Medical Jurisprudence:

Aborn, W. H.	Brunette, T. J.	Boone, S. W.
Blackader, E. H. P.	Boggs, G. W.	Boyd, Jay
Berry, J. A.	Brown, V. D.	Christie, W.
Cowie, A. M.	Cameron, K.	Davis, A. H.
Evans, E.	Easton, C. L.	Flagg, J. D.
Edgar, C. J.	Ellis, W. E.	Ferguson, W. D. T.
Fillmore, E. W.	Fraser, J. M.	Hamer, A. L.
Hall, W.	Haentschell, C. W.	Kennedy, R. A.
Haythorne. T. J.	Johnson, J. W.	Lafleur, H. A.
Kirkpatrick, R. C.	Kelly, J. A. A.	Loucks, W. F.
Leslie, A. C.	Lafferty, A. M.	McDonald, D. D.
MacDonald, A. D.	McKinnon, H.	Mackay, Eugene
Murray, D.	McDonald, A. L.	Pothier, J. C.
Norman, T. J.	Pearman, H. V.	Reavely, E.
Pomeroy, L. E. Mc.	Parker, W. D.	Ross, D. L.
Richardson, G. C.	Ross, L. F.	Scully, D. J.
Scott, J. M.	Springle, J. A.	Woodruff, L. A.
Thomas, W. R.	Warneford, P. H.	Young, A. A.
Williams, E. P.		

# The following have passed in Hygiene:

Aborn, W. H.	Haentschell, C. W.	Metcalfe, F. J.
Boone, S. W.	Hewitt, J.	Norman, T. J.
Brunette, J. T.	Hall, A. G.	Pearman, H.V.
Blackader, E. H. P.	Johnson, J. W.	Pothier, J. C.
Berry, J. A.	Kelly, J. A. A.	Potts, J. M.
Boyd, Jay.	Kerr, N.	Parker, W. D.
Cameron, K.	Lafferty, A. M.	Richardson, G. C.
Davis, A. H.	Leslie, A. C.	Ross, D. L.
Desmond, F. J.	Long, C. H.	Scott, J. M.
Easton, C. L.	Loucks, W. F.	Scully, D. J.
Edgar, C. J.	Lafleur, H. A.	Springle, J. M.
Evans, E. J.	McKinnon, H.	Thomas, W. R.
Ellis, W. E.	McRae, J. C.	Warneford, P. H.
Ellard, J.	Moffatt, R.	Williams, E. P.
Fraser, J. M.	Murray, D.	Woodruff, T. A.
Ferguson, W. D. T.	McCarthy, J. G.	Young, A. A.
Hall, Wm.		

# The following have passed in Pathology:

The lone	1 1 E H P	Boone, S. W.
Aborn, W. H.	Blackader, E. H. P.	
Boyd, Jay	Christie, W.	Cowie, A. M.
	Evans, E.	Easton, C. L.
Dickson, J. A.	Ellis, W. E.	Flagg, J. D.
Edgar, C. J.		Gardner, A. W.
Fillmore, E. W	Fraser, J. M.	Hamer, A. L.
Hall, W.	Haentchell, C. W.	
Haythorne, T. J.	Johnson, J. W.	Kelly, J. A. A.
	Lafferty, A. M.	Loucks, W. F.
Leslie, A. C.	McKinnon, H.	McDonald, D. D.
McDonald, A. D.	McDonald, A. L.	Norman, T. J.
"Murray, D.		Parker, W. D.
Pearman, H. V.	Pothier, J. C.	
Pomeroy, L. E. Mc.	Richardson, G. C.	Ross, D. L.
	Scully, D. J.	Thomas, W. R.
Reavely, E.	Williams, E. P.	Young, A. A.
Warneford, P. H.	Williams, 2	

# The following have passed in Physics:

Common T T	Beaudry, J. S.	Hamilton, A.
Cameron, J. J. Brunette, J. T.	McGregor, J. G.	Quirk, E. L.
Kerr. Norman	Ellard, J.	Bayne, C. W.

# The following have passed in Botany:

McCurdy, 1.  McLellan, A. A.  England, W. S.  Aylen, W. W.  Silver, H. J.  Vipond, A. E.	Martin, J. M. Travers, J. B. Jayet, A. C. Booth, J. S. Fulton, C. Muirhead, D. A. Esson, F. G. Irwin, W. T.
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# The following have passed in Histology:

Aylen, W. W.	Hopkins, T. A.	Metcalfe, F. J.
Brown, G. A.	Holmes, A. D.	McLellan, A. A.
Becket, G. G.	Jayet, A. C.	McDonald, H. N.
Brunette, J. T.	Kemp, H.	McRae, J. C.
Beaudry, J. S.	Low, D.	Philp, W. S.
Creasor, J. A.	McKercher, H.	Quirk, E. L.
Campbell, G. G.	Murray, D. A.	Stewart, W. G.

Delaney, W. J. McIntosh, D. H. Slater, H. A. Dewar, C. P. McCurdy, T. Shanks, A. L. England, W. S. McKinnon, T. H. Smithson, R. H. Esson, F. G. Martin, D. S. Taylor, W. B. Fulton, C. Muirhead, D. A. Vipond, A. E. Garrow, A. E. McDonald, P. A. Walker, S. L. Gemmill, E. W. McEwen, H. Whyte, J. J. Greene, T. J. McDonald, A. Wheeler, C. L. Hill, R. McPhail, J. A.			
mernan, J. A.	Dewar, C. P. England, W. S. Esson, F. G. Fulton, C. Garrow, A. E. Gemmill, E. W. Greene, T. J.	McCurdy, T. McKinnon, T. H. Martin, D. S. Muirhead, D. A. McDonald, P. A. McEwen, H. McDonald, A.	Shanks, A. L. Smithson, R. H Taylor, W. B. Vipond, A. E. Walker, S. L. Whyte, J. J.
	Gemmill, E. W. Greene, T. J.	McEwen, H. McDonald, A.	Walker, S. L. Whyte, J. J.

### MEDALS, PRIZES AND HONOURS.

THE HOLMES GOLD MEDAL FOR THE BEST EXAMINATION IN THE PRIMARY AND FINAL BRANCHES is awarded to Herbert S. Birkett, of Hamilton, Ontario.

THE PRIZE FOR THE BEST FINAL EXAMINATION is awarded to Walter W. White, B.A., of St. John, N.B.

THE PRIZE FOR THE BEST PRIMARY EXAMINATION is awarded to William I. Bradley, B.A., of Ottawa.

THE SUTHERLAND GOLD MEDAL is awarded to William I. Bradley, B.A., of Ottawa.

The following gentlemen, arranged in order of merit, deserve honourable mention:—

In the Primary Examination—H. D. Fritz, B.A., N. D. Gunne, F. L. Kenney, B.A., J. R. Clouston, D. McLennan, R. M. Kincaid, A. D. McDonald, A. D. Stewart, B.A., A. E. Orr, O. H. Hubbard, A. E. Kirkpatrick, J. E. Orr, P. C. Park, and J. H. Kennedy.

FINAL EXAMINATION.—Kennedy, R. A., B. A., McCollum, E. P., Robertson, F. D., B.A., Kirkpatrick, R. C., B.A., Haythorne, T. J., B.A., Crocket, W. C., B.A., Campbell, A. W., Gibson, J. B., Kinloch, J. A., Rowatt, W.M., Turnbull, R., Seery, F. J., Wilson, C. W., Raymond, Alf., Hughes, P. H., Williams, J. F., Pringle, J. R., McCuaig, W. J., Grant, J. H. Y., Gairdner, T. M., Worthington, A. N.

#### PROFESSOR'S PRIZES.

Botany.—Prize, G. G. Campbell, B.Sc.

Practical Anatomy.—Demonstrator's Prizes: 2nd year, H. D. Fritz, B.A. 1st year, H. Slater.

CLINICAL MEDICINE.—Junior Class, E. H. P. Blackader, B.A. MIDWIFERY.—H. S. Birkett, Hamilton, Ont.

# SUMMER SESSION. 1886.

The Eleventh Summer Session of the Faculty of Medicine will begin on the 12th of April, and continue twelve weeks.

The Classes are chiefly practical and demonstrative, and are designed to supplement and extend the teaching of the regular Winter Session.

The records of qualifications of candidates for the degree show that nearly all the senior students now take either one or two Summer Sessions, and this is regarded by the Faculty as the best indication that the extension of its work in this direction meets a real want, and is duly appreciated.

During the past Summer Session there was a large attendance, including several from other schools. Students from outside schools are received on the same terms and have all the advantages of regular

students.

The special advantages of attendance upon a Summer Session are:-

(1) The benefit derived from the practical and demonstrative classes

(2) Dresserships and Clinical Clerkships are more easily obtained at the Hospitals, and the student has more time at his disposal to follow up the cases.

(3) Cases of Midwifery are obtained in greater number at the

University Maternity Hospital.

(4) Systematic study can be carried on more effectively than at home.

(5) The compulsory courses on Hygiene, Medical Jurisprudence

and Practical Chemistry can be attended.

During the present and subsequent Summer Sessions the Faculty have decided to open the dissecting room for at least six weeks of the Course.

The advantages offered by the City of Montreal for the practical study of Medicine and Surgery are unequalled in the Dominion.

In the wards of the General Hospital there is always-and more

particularly in the summer months, when navigation is opened—a large collection of interesting medical and surgical cases. In the Out-door Department there is a daily attendance of between 60 and 70 patients, which affords excellent instruction in Minor Surgery, routine medical practice, and Diseases of Children. The Eye and Ear Department will afford to the student an opportunity for studying practically, under skilled direction, these important branches.

There are now special departments in the Hospital for Gynæco-

logy and for Diseases of the Throat and Nose.

At the University Dispensary special Clinics are devoted to Diseases of Children, Diseases of the Skin, and of the Nervous System.

The Faculty has much pleasure in announcing the following prospectus:—

# I.-CLINICAL INSTRUCTION,

Which will comprise:-

	Which will comprise:	
A.—B	edside Instruction—	
	Surgery	Dr. Fenwick and Dr.
	MEDICINE	Dr. Wilkins and Dr. R.
B.—W	eekly Clinics, in the Theatre of the Gene	eral Hospital on_
	1. General Surgery	Drs. Fenwick, Roddick
	2. General Medicine	Drs. Ross, Wilkins, and
	3. Gynecology 4. Diseases of the Eye and Ear	
	D. DISEASES OF THE THROAT AND NOSE	Du Water
	O. DISEASES OF CHILDREN	. Dr. Blackadou
T TE	7. VENEREAL DISEASES	· Dr. Bell.
J.— W	eekly Clinics, at the College, on—	
0 0	DISEASES OF THE NERVOUS SYSTEM	
U.—Ut	t-Patient Clinics-1. At the General Ho	spital—
	A. GENERAL MEDICINE AND SURGERY	Medical and Surgical
	B. *GYNÆCOLOGY	Dr Gardner
	C. *Diseases of Eye and Ear D. *Diseases of Throat and Nose	Dr. Buller.
2.	At the University Dispensary—	.Dr. major.
	A. DISEASES OF THE SKIN	Dr. Shenherd.
	B. DISEASES OF CHILDREN	Dr. Blackader.
	C. DISEASES OF THE NERVOUS SYSTEM	. Dr. Stewart,
3.	At the Montreal Dispensary—	
	A. GENERAL MEDICINE AND SURGERY {	Ind & R. J. B. Howard
	B. GYNÆCOLOGY	Dr. Alloway.

<sup>\*</sup> A limited number of students will attend in rotation.



# E.—Clinical Instruction in Obstetrics—

At the University Maternity Hospital-

1. THE MANAGEMENT OF CASES OF Drs. Brown and C. E. LABOUR..... 2. The After Care of Cases.....

be taken in lieu of, the Winter Course.

Cameron.

### II.-PRACTICAL CLASSES.

\*1. Practical Anatomy.—Same as, and may ors. R. L. MacDonnell, be taken in lieu of a part of the Winter Howard. \*2. Practical Chemistry.—Same as, and may

Drs. Girdwood and Ruttan.

Fee, \$12.00.... \*3. Operative Surgery.—A complete course of operations on the cadaver, including Amputations, Excisions, Ligations, &c. The students perform the operations in rotation. Fee, \$5.00.....

Dr. Shepherd.

4. Operative Ophthalmology. — This will consist in a series of demonstrations on Dr. Buller. the methods of performing the usual eye operations. Fee, \$2.00.....

5. Anomalies of Refraction and Accommodation.-A course of four demonstations, giving practical illustrations | Dr. Buller. of the methods of recognising and treating these conditions.....

6. Practical Ophthalmoscopy.—To consist of a series of demonstrations and prac- Dr. Buller. tical exercises in the use of the Ophthalmoscope....

7. Obstetrical Operations and Presentations.—A series of practical demonstrations.—Cameron. tions on the cadaver or phantom ......

\*8. Clinical Microscopy.—Microscopes, Rea- Drs. Wilkins and W. G. gents and Material provided. See Prospectus.....

Johnston.

9. Laryngoscopy and Rhinoscopy. - A) course of demonstrations and exercises Dr. Major. in the use of the Laryngoscope and Rhinoscope....

10. Electro-Therapeutics.—Students will be practically trained in the method of Dr. Stewart. using the different forms of electricity in the treatment of disease .....

11. Applied Anatomy-Medical and Surgical. - Surface-marking, Brain and Spinal Cord, Larynx, Thorax, Abdomen, Genito-Urinary Organs, Surgical Spaces....

Dr. Sutherland.

12. Minor Surgery. - Including Ban laging, Application of Splints, Hæmp tatics, Catheterism, Artificial Respiration, &c.

13. Clinical Chemistry.—A course of twelve demonstrations, designed to familiarise students with the more recent and approved methods of examining chemically, abnormal secretions, morbid products, &c., at the bedside.....

Dr. Ruttan.

14. Morbid Anatomy.—Consisting of systematic demonstrations upon post-mortem methods and pathological anatomy in the section-room of the General Hospital. Students will make the post- Dr. W. G. Johnston. mortems in rotation, and receive instruction in the method of performing them, and keeping record of their observations.....

15. Bacteriology.—A course of eight demonstrations on the methods of Bacteria culture, illustrated by the microscope and by experiments.....

Dr. W. G. Johnston.

### III.-LECTURES.

1. Diseases of Children. - Anatomical and physiological peculiarities of infancy: its hygiene and dietetics; methods of examining children; peculiarities of symptoms, diseases of infancy and childhood, with their therapeutics....

Dr. Blackader.

\*2. Hygiene. - Lectures the same as, and may be taken in lieu of, the compulsory course in the Winter Session. Fee, \$6.00. Examination at the end of the course.....

\*3. Medical Jurisprudence.—The Professor of Medical Jurisprudence has consented to give a special course this year, the same as the Winter Course, for which \$5 must be paid in addition to the regular fee of \$10. There will be no lectures on this subject next Winter, as it becomes compulsory in the Summer Session after this year.....

Dr. Wilkins.

All students desirous of attending the above courses are expected to register their names with the Registrar within one week after the beginning of the Session, and to pay a fee of \$25 (which includes registration fee). Enregistration and payment of the fee are compulsory upon all students, whether attending one or more of the classes.

The Time Table will be issued on April 10th.

\* The fee for this class is not included in the above fee of \$25 for the Summer Session. For further information apply to

> JAMES STEWART, M.D., Registrar, McGill College, Montreal.

XVII.

SESSION 1885-86.

# STUDENTS IN MEDICINE.

Aborn, W. H., Goderich, O. Adams, G. W., Danville, Q. Almon, J. M., Windsor, N.S. Aylen, J. P., Aylmer, Q. †Aylen, P., Aylmer, Q. Aylen, W. W., Aylmer, Q.

Aylen, W. W., Aylmer, Q.

Baer, D. C., Summerfield, Ill.
Bayne, G. W., Merivale, O.
Beaudry, J. S., Montreal, Q.
Bell, J. H., Kars, O.
Berry, R. P., Lindsay, O.
Berry, J. A., Seeley's Bay, O.
†Birkett, H. S., Hamilton, O.
Beers, A. H., Montreal, Q.
Blackader, E. H. P., Montreal, Q.
Boyd, Jay, Vankleek Hill, O.
Boone, S. W., Frederickton, N. B.
Booth, J. S., Montreal, Q.
Blair, G. A., Manotick, O.
†Boggs, G. W., Wolfville, N. S.
Brown, P., Montreal, Q.
Bradley, W. A., Charlottetown, P. E. I.
Bowen, W., Quebec, Q.
Bradley, W. I., Ottawa, O.
Brunette, J. T., Cornwall, O.

Cattanach, W. C., Glenwater, O.
Campbell, G. G., Truro, N.S.
Castleman, A. L., East Williamsburg, O.
Cameron, K., Montreal, Q.
Campbell, A. W., Montreal, Q.
Chalmers, W. W., Huntingdon, Q.
Christie, W., Lachute, Q.
Clouston, J. R., Maple Hill, Q.
Clark, J. L., Waterloo, Q.
Cowie, A. M., Montreal, Q.
Coy, W. F., Kingston, O.
Conroy, C. P., Martintown, O.
†Crocket, W., Fredericton, N.B.
Creasor, J. A., Owen Sound, O.

Davis, A. H., Glen Buell, O. Delaney, W. J., Peterboro, O. Dewar, C. P., Ottawa, O. Desmond, F. J., Newcastle, N. B. DeCow, D. McG., Montreal, Q. Dickson, J. A., Trenholme, Q. Donald, W. M., Seaforth, O. Dyer, R. E., Montreal, Q.

Earl, E. H., Port Hope, 0.
Easton, C. L., Easton's Corners, 0.
Edgar, C. J., Napierville, Q.
Ellis, W. E., St. Catherines, 0.
Elliard, J., New Westminster, B.C.
England, N.S., Dunham, Q.
Esson, F. G., Halifax, N. S.
Evans, E. J., Seaforth, 0.

Ferguson, W. D. T., Cumberland, O. Fillmore, E. W., Baie Verte, N.B. Flagg, J. D., Morrisburg, O. Flett, A. J., Winnipeg, Man. Fraser, J. M., Hawkesbury, O. Fritz, H. D., St. John's N.B. Fulton, C., Avonmore, O.

Gardner, A. W., Cornwall, O.
†Gairdner, T. M., Bayfield, O.
Garrow, A. B., Ottawa, O.
Gemmill, E. W.. Almonte, O.
†Gibson, J. B., Cowansville, Q.
Girdwood, G. W. T., Montreal, Q.
Gladman, G. J., Lindsay, O.
Goodwin, W. W., Baie Verte, N.B.
†Grant, J. H. Y., Ottawa, O.
Greene, T. J., Appleton, O.
Graham, J., Carp. O.
Gunne, N. D., Ailsa Craig, O.

Hamilton, A., Sutton, Q.
Hamilton, J. D., Belleville, O.
Haythorne, T. J., Marshfield, P.E.I.
Hamer, A. L., Bradford, O.
Hall, A. G., Franklin Centre, Q.
Hall, W., Walkerton, O.
Haentschell, C. W., Pembroke, O.
Hewitt, J., Quebec, Q.
Hickey, W. H., Morrisburg, O.
Hill, R., Montreal, Q.
Hoare, C. W., Strathroy, O.
Hopkins, H. J. J., Cookshire, Q.
Holmes, A. D., Chatham, O.
Hopkins, F. A., Cookshire, Q.
Hubbard, O. H., Gilsam, N. H.
Hubert, P. T., Harbor Breton, Nfld.
Hughes, J. M., Chesterville, O.
†Hughes, P. H., Strathroy, O.

Ibbotson, J. I., Montreal, Q. Irwin, W. T. L., Pembroke, O. Irwin, H., Pembroke, O.

Jacques, H. S., Melvin, N.S. Jayet, A., Montreal, Q. Johnson, J. W., Tannersville, 0.

Kelly, J. A. A., Durham, O.
Kendall, H. E., Sydney, N.S.
Kennedy, J. H., Lindsay, O.
Kennedy, R. A., Ottawa, O.
Kerr, N., Holyrood, O.
Kenney, F. L., St. John, N. B.
Kemp, H. D., Montreal, Q.
Kirkpatrick, E. A., Kentville, N.S.
†Kirkpatrick, R. C., Montreal, Q.
†Kinloch, J. A., Montreal, Q.e.
Kincaid, R. M., Clarenceville, Q.

Kempton, E. A., Montreal, Q.

Lafferty, A. M., Perth, O.
Lafleur, H. A., Montreal, Q.
Lang, M. W., St. Mary's, O.
Leblanc, A., St. Henri, Q.
Leslie, A. C., Harrisburg, Dak.
Long, C. H., Keswick Bridge, N.S.
Low, D., Palmerston, O.
Loucks, F., Sterling, O.

Low, D., Palmerston, O.
Loucks, F., Sterling, O.
McCardel, E. J., Dundas, O.
Macdonald, A. D., Wickham, N. B.
Mackinnon, H., Alexandria, O.
†Mackay, J. M., River John, N. S.
Mackay, Eugene, Papineauville, Q.
Mackinnon, G. W., Sunnyside, P. E. I.
Macdonell, A. E. J., Morrisburg, O.
†McCuaig, W. J., Vankleck Hill, O.
McCarthy, J. G., Sorel, Q.
†McCollum, E. P., Duar O.
McCallum, O. F., Maitla d., N. S.
McCurdy, T., Ormistown, Q.
McDonald, P. A., Alexandria, O.
McDonald, P. A., Alexandria, O.
McDonald, H. N., Laggan, O.
McDonald, A. L., Glendonald, O.
McDonald, A. L., Glendonald, O.
McDonald, Geo., Renfrew, O.
McDonald, Geo., Renfrew, O.
McEwen, H., Carlete Place, O.
McEwen, H., Carlete Place, O.
McGannon, T. G., Prescott, O.
McGannon, T. G., Prescott, O.
McInnis, A., Rosario, Arg. Republic,
McIntosh, D. H., Carleton Place, O.
McKercher, H., Stiltsville, O.
McKercher, H., Stiltsville, O.
McKercher, H., Stiltsville, O.
McMartin, D. R., Martintown, O.
McLellan, A. A., Summerside, P. E. I.
McLennan, D., Dunyegan, O.
McNeece, J., Brampton, O.
McNeece, J., Brampton, O.
McNeece, J., Brampton, O.
McRatin, J. M., Brown's Creek, P. E. I.
McRae, J. C., Port Colborne, O.
Martin, J. M., Brown's Creek, P. E. I.
McRae, J. C., Port Colborne, O.
Morray, D., Plainfield, N. S.
Murray, D. A., Plainfield, N. S.
Murray, W. A., Jamaica, W. I.
Murray, D. A., Pictou, N. S.
Murray, D. A., Pictou, N. S.
Murray, D. A., Pictou, N. S.
Murray, D. A., Jamaica, W. I.
Murray, D. A., Carleton Place, O.
Noble, C. L., Sutton West, O.
Noble, C. L., Sutton West, O.
Noble, C. L., Sutton West, O.

Noble, C. L., Sutton West, O. Norman, T. J., Schonberg, O.

Orr, A. E., Cookshire, Q. Orr, J. E., Mount Elgin, O. †Orton, T. H., Hamilton, O.

Palmer, P. E., Riverside, N.B. Parker, W. D., Hawkesbury, O. Patterson, C. J., Toronto, O. Park, P. C., Durham, O. Patton, H. M., Montreal, Q. Pearman, H. V., Halifax, N.S. Philp, W. S., Montreal, Q.

†Pomeroy, L. E. M., Tweed, O. Pothier, J. C., Woonsocket, R. I. Potts, J. M., Belleville, O. Porter, J. A., Kemptville, O. Poole, A., Wakefield, Q. †Pringle, W. R., Cornwall, O.

Quirk, E. L., Aylmer, Q.

†Raymond, A., Marcuse, Iowa, †Raymond, G. H., Springfield, N.B. Reavely, E., Port Robinson, O. Richardson, G. C., South March, O. Ross, D. L., Winthrop, O. †Ross, L. F., Montreal, Q. Robertson, A. G., Iroquois, O. Rowat, W. M., Monotick, O. †Robertson, F. D., Lennoxville, Q. Rolph, N., Quebec, Q. Ryan, J., Perth, O.

Saphir, E. J., Jerusalem, H. Land. Scott, J. M., Philadelphia, U.S., †Schmidt, A. J., Fairbault, Minn. †Schmidt, A. F. Montreal, Q. Scully, D. J., Lindsay, O. †Seerey, F. J., Fredericton, N.B. Shanks, A. L., Huntingdon, Q. Silver, H. J., Danville, Q. Slater, H., Toronto, O. Smithson, R. H., Stillwater, Minn. Springle, J. A., Montreal, Q. Stewart, W. G., Arundel, Q. Stewart, W. G., Arundel, Q. Stayner, S. R., Toronto, O. Stephen, G. C., Montreal, Q.

Taylor, W. B., Halifax, N.S. Thomas, W. R., London, Eng. Thompson, J. H., Gananoque, O. Trapnell, H. E., Montreal, Q. Travers, J. B., St. John, N.B. †Turnbull, A. R., Russell, O.

Vernier, H., Quebec, Q. Vipond, A. E., Montreal, Q

Warneford, P. H., Norton, N. B. Walker, S. L., Truro, N. S. Weeks, C. M., Newport, N. S. Weeks, C. M., Newport, N. S. Westley, R. A., Lancaster, O. Weegant, A. A., Hosaic, O. †Wetmore, T. H., Bloomfield, N. B. †White, W. W., St. John's, N. B. †White, F. J., Greenspond, Nfld. Whyte, J. J., Lancaster, O. Wheeler, C. L., Montreal, Q. Williams, J. F. Barrie, O. †Williams, E. P., Ottawa, O. †Wilson, C. W., Cumberland, O. Wilkins, H. P., Toronto, O. Woodruff, T. A., St. Catherines, O. †Worthington, A. N., Sherbrooke, Q. Wylde, C. F., Halifax, N. S.

Young, H. E., Napanee, O. Young, A. A., Barton, Vt. Young, J. W., Caragent, N.B.

<sup>†</sup> Passed Examination for M.D., C.M., 1886.

### XVIII.

# LIST OF PRIZE-MEN AND MEDALLISTS IN THE MEDICAL FACULTY.

In 1855 the examinations were divided into Primary and Final, and Prizes were established for the best Thesis and for the best Examination in the Primary and Final branches.

In 1865 the Holmes Gold Medal was established in honour of Dr. Holmes, and is given for the best examination in both Primary and Final branches.

The following is the List with the present addresses of the recipients:-

1854. For General Proficiency.—1st Prize—Robt. Craik. Montreal. 2nd Prize-Thomas Simpson, Montreal.

THESIS.—James McG. Stevenson, Bryantson, Ont. Final Examination. - James McG. Stevenson, Bryanston, Ont. Primary Examination.-Walter J. Henry.\*

THESIS.—Walter James Henry,\* and W. J. Jones, Prescott, O. 1856. Final Examination.—E. Laberge.\*

Primary Examination.—Levi R. Church, Montreal, Q.

1857. Thesis.—Levi R. Church, Montreal, and D. T. Robertson, Lennoxville, Q. Final Examination.—Levi R. Church, Montreal, Q.

Primary Examination.—James Kerr.\*

THESIS.—Timothy F. English\* and W. H. Taylor, Peterboro, O. Final Examination .- Wm. Harkin.\* Primary Examination.-Wm. Harkin.\*

1859. Thesis.—Edward W. Smith.\* Final Examination.—James J. O'Dea, Stapleton, Staten Island New York.

Primary Examination.—Henry Warren.\*

Thesis.—J. W. Pickup, Brockville, O. 1860. Final Examination.—Henry Warren.\* Primary Examination. - Joseph M. Drake, Montreal, Q, and Fred. Sutherland.\*

1861. Thesis.—Joseph M. Drake, Montreal; F. J. Austin, Sherbrooke, Q. and D. L. Philip, Brantford, O. Final Examination.—Joseph M. Drake, Montreal, Q.

Primary Examination.—Thomas C. Walton. THESIS .- R. M. Bucke, London, O. Final Examination.—John A. Stewart.\* Primary Examination.—John J. Marston, U. S. Army. 1863. Thesis.—Wm. C. Gustin, Detroit, Mich.

Final Examination.—J. J. Marston, U. S. Army.

Primary Examination.—R. A. Kennedy, Montreal, Q., and Peter

A. McDougall, Ottawa, and C. F. Bullen.\*

1864. Thesis.—W. W. Squire.\*

Final Examination.—D. Howard Harrison, St. Mary's, O.

Primary Examination.—Kenneth Reid,\* New York.

1865. Holmes Gold Medal.—E. P. Hurd, Newburyport, Mass.

Final Examination.—H. L. Vercoe.\*

Primary Examination.—George Ross, Montreal, and W. Gardner, Montreal.

1866. Holmes Medallist.—George Ross, M.A., Montreal, Q.
Final Examination.—William Gardner, Montreal, Q.
Primary Examination.—Clinton W. Kelly, Louisville, Ky.

1867. Holmes Medallist.—Clinton W. Kelly, Louisville, Ky.

Final Examination.—C. W. Kelly, Louisville, Ky.

Primary Examination.—Wm. Henry Patterson.

1868. Holmes Medallist.—T. G. Roddick, Montreal, Q.

Final Examination.—T. G. Roddick, Montreal, Q.

Primary Examination.—Andrew Harkness, New Lancaster, O.

1869. Holmes Medallist.—T. D. Lucas.\*

Final Examination.—Andrew Harkness, New Lancaster, O.

Primary Examination.—Alexander A. Henderson, Ottawa, O.

1870. Holmes Medallist.—A. A. Henderson, Ottawa, O.

Final Examination.—O. H. E. Clarke, St. Louis, Mo.

Primary Examination.—J. H. Mathieson, St. Mary's, O.

1871. Holmes Medallist.—I. H. Mathieson, St. Mary's, O.

1871. Holmes Medallist.—J. H. Mathieson, St. Mary's, O. Final Examination.—H. P. Wright, Ottawa, O. Primary Examination.—Thomas Kelly, Durham, O.

1872. Holmes Medallist.—Hamilton Allan, Oconto, Wis.

Final Examination.—G. A. Starke, Milwaukee.

Primary Examination.—F. J. Shepherd, Montreal.

Special Prize for Thesis.—W. Osler, Montreal.

1873. Holmes Medallist.—Thomas Kelly, Durham, O.

Final Examination.—D. A. Alguire, Cornwall, Ont.

Primary Examination.—J. D. Cline, B.A.\*

1874. Holmes Medallist.—J. D. Cline, B.A.\*

Final Examination.—J. C. Cameron, Montreal.

Primary Examination.—Simon J. Tunstall, B.A., Lytton, B.C.

1875. Holmes Medallist.—S. J. Tunstall, B.A., Lytton, B.C.
Final Examination.—J. B. Benson, Chatham, N.B.
Primary Examination.—C. H. Murray, B.A.\*

1876. Holmes Medallist.—Robt. H. W. Powell, Ottawa, O.

Final Examination.—Chas. H. Murray, B.A.\*

Primary Examination.—Alex. C. Frazer, Manitowoc, Wis.

Special Prize for Thesis.—R. L. MacDonnell, B.A., Montreal.

1877. Holmes Medallist.—James Bell, Montreal, Q.
Final Examination.—W. D. Oakley, Streetsville, O.
Primary Examination.—H. N. Vineberg, New York.

1878. Holmes Medallist.—H. N. Vineberg, New York.

Final Examination.—T. W. Mills, M.A., Montreal.

Primary Examination.—W. R. Sutherland, Montreal.

Sutherland Gold Medal.—J. M. Lefebvre, Brockville, O.

1879. Holmes Medallist.—J. B. Lawford, London, Eng.

Final Examination.—A. W. Imrie, Detroit.

Primary Examination.—J. A. McDonald, Montreal.

Sutherland Gold Medal.—W. L. Grey, Pembroke, O.

1880. Holmes Medallist.—J. A. McDonald, Montreal.

Final Examination.—H. B. Small, Ottawa.

Primary Examination.—James Ross, B.A., Dundas, O.

Sutherland Gold Médal.—H. W. Thornton, B.A., Montreal.

1881. Holmes Medallist.—James Ross, B.A., Dundas, O.

Final Examination.—John W. Ross, Cohoes, N. Y.

Primary Examination.—R. J. B. Howard, B.A., Montreal.

Sutherland Gold Medal.—C. E. Cameron, Montreal.

1882. Holmes Medallist.—R. J. B. Howard, B.A., Montreal, Q.

Final Examination.—Henry V. Ogden, B.A., Milwaukee, Wis.

Primary Examination.—George A. Graham, Hamilton, O.

Sutherland Gold Medal.—Wyatt G. Johnston, Montreal, Q.

Morrice Scholar.—Wyatt G. Johnston, Montreal, Q.

1883. Holmes Medallist.—C. E. Cameron, Montreal.

Final Examination.—J. B. Loring, Sherbrooke, Q.

Primary Examination.—Ed. G. Wood, Londesboro, O.

Sutherland Gold Medal.—R. F. Ruttan, B A., Montreal, Q.

Morrice Scholar.—R. F. Ruttan, B.A., Montreal, Q.

1884. Holmes Medallist.—Wm. A. Ferguson, Bathurst, N.B.

Final Examination.—James P. McInerney, Kingston, N.B.

Primary Examination.—Smith Gustin, Bay City, Mich.

Sutherland Medal.—John Elder, B.A., Huntingdon, Q.

1885. Holmes Medallist.—Edwin G. Wood, Londsboro, O. Final Examination.—Smith Gustin, Bay City, Mich. Primary Examination.—Ed. J. Evans, Seaforth, Ont. Sutherland Medal.—H. A. Lafleur, Montreal, Q.

1886. Holmes Medallist.—Herbert S. Birkett, Montreal, Q.

Final Examination.—Walter W. White, M.A., St. John, N.B.

Primary Examination.—Walter I. Bradley, Ottawa.

Sutherland Medal.—Walter I. Bradley, Ottawa.

<sup>\*</sup> Deceased.

# HOW TO BECOME A REGISTERED PRACTITIONER.

The possession of an M.D. degree does not entitle the holder to practice. He must be registered. In the Provinces of the Dominion, with the exception of Ontario, the possession of a Degree in Medicine from a recognized University entitles the holder to register. In Quebec, graduates of the Universities of the province must appear in person at the May or September meeting of the Board, and present and swear to their diplomas. Registration is granted only at these periods. It is optional with the Board whether the holder of a degree from a Canadian University outside the Province of Quebec can register without further examination. In some cases the examination has been enforced. In Ontario, unless a registered practitioner of Great Britain, the examination of the College of Physicians and Surgeons of the province must be passed before registration. The examination is held every spring. In Nova Scotia, New Brunswick and Manitoba, the provincial boards accept the degrees of Canadian Universities without examination. Prince Edward Island and British Columbia have as yet no Medical Boards. In most of the West India Islands a certificate of registration in one of the Provinces of the Dominion entitles the holder to practice.

In the *United States*, holders of Canadian degrees in medicine can practice without additional examination or study. In many of the States, Medical Boards now exist similar to those in our Provinces, and the degree must be registered before a license to practice can be obtained. The custom varies in different States.

In *Great Britain*, colonial or foreign degrees are not registerable, except in the case of the University of Melbourne and of holders of colonial degrees prior to 1850. To enable a colonial graduate to register, the examination of one of the numerous Licensing Boards must be passed.

A Graduate in Medicine of an American College, in order to register in any of the Provinces in the Dominion, must, (a) unless the holder of an Academical Degree, pass the Matriculation examination of the provincial Board; (b) attend some one of the Medical Schools in order to complete the curriculum (four years) required by the Boards, and (c) pass the professional examinations.

#### DOCTORS IN MEDICINE.

Addison, Jas. L. St. George, O 1884	*
1866	*
Alexander, Robert A., Grimsby, 0 1871 Alguire, Duncan O., Cornwall, 0 1873	B
Cornwell O 1873	BB
Allard, Henry, Beloil, Q 1866	B
Allard, Henry, Oconto, Wis 1872	B
Allan, Hamilton, Oconto, Wis 1872	*
Allan, J. H. B.,  Montreal 1882	
Allen, C. E., East Farnham, Q 1883	B
Alloway, Thomas Johnson, Montreal 1868	B
Anderson Alex Med. Dept. Indian	B
Army 1866	*
*Anderson, John C., 1865 Archer, Ths., Wandsworth, Eng 1869 Ardagh. Johnson Orillia, O 1860 Armstrong, Geo. Mewmarket, O 1886 Armstrong, Geo. Montreal 1877	B
Archer The Wandsworth, Eng 1869	T
Archer, Ths., Wandsworth, Eng 1999	E
Ardagh. Johnson Uritha, U 1009	T
Armitage, J. H., Newmarket, 0 1886	1 -
Armstrong, Geo. E., Montreal 1877	1
*Arnoldi, Daniel [Hon], 1847	3
Arthur R. H. C.P.R. R. 1885	I
Atkingon Robert 1862	
Ault, Alexander, Ochkosh, Wis 1860	
Ault, Charles, Montreal 1855	
Ault, Charles,	
*Ault, James F.,	
Ault, Edwin D., Aultsville, O 1868	
Ardagh. Johnson Armitage, J. H., Armstrong, Geo. E., *Arnoldi, Daniel [Hon], Arthur, R. H., Atkinson, Robert, Ault, Alexander, Ault, James F., Ault, Edwin D., Austin, Fred. John, Ayer, N., M. A., Aylen, John, Aylen, James, Aylen, James, Aylen, P.,  Oritia, O 1809 Momrael 1877 C. P. R. 1885 Montreal 1855 Montreal 1855 Sherbrooke, Q 1862 Sackville, N. B 1886 Aylmer, Q 1867 Aylmer, Q 1867 Aylmer, Q 1867	
Aver. N. M.A. Sackville, N.B 1880	
Aylen, James, Aylen, P.,  Aylmer, Q 1857 Aylener, Q 1865 Aylmer, Q 1886 Aylmer, Q 1886	
Aylen, James, Aylmer, Q 1868	3 *
Aylen, P. Aylmer, Q 1886	3 *
Aylen, P.,	I
Backhouse, J. B., Braidwood, Ill 1870 Bain, D.S. E., Staff Surgeon Maj. 1868 Bain, Hugh U., Prince Albert, Man 1874 Baird, James G., Pakenham, O 1870 Baker, Albert, Bay City, Mich 1885 Dayrely, Garge, Parkhill, O 1870	
Backhouse, J. B., Braidwood, Ill 1970	
Bain, D.S E., Staff Surgeon Maj. 1868	
Bain, Hugh U., Prince Albert, Man 1874 Baird, James G., Pakenham, O 1876	
Baird. James G., Pakenham, O 1870	) ]
Baird, T. A. D., Bay City, Mich 1885	5 1
Baker, Albert, Dawlish, Devon 1848	3 *
Barclay, George, Parkhill, O 1870	) ]
Barclay, George, Parkhill, O 1870 *Barnston, James [ad. eun.], 1850	1
Barrett Jos A Fenaghvale, 0 188	i
Barcialy, George,  Barneta, Jos. A.,  Barnett, Jos. A.,  Barnett, Jos. A.,  Fenaghvale, 0 188  Battersby, Charles,  Port Dover, 0 186  Baynes, Donald, M. A.,  London, Eng 187  Baynes, Geo. Aylmer,  Beauty, D., Richmond, Carlt. Co., 0 186  Beaudette, Alfred  Beaudyr, Lovis B.  St. Cesaire, 0 187	
Battersby, Charles, Port Dover, O 186	
Baynes, Donald, M.A., London, Eng 1870	
Baynes, Geo. Avlmer. London, Eng 1869	)
Beatty, D. Richmond, Carlt, Co., O 186	2 3
Beatty, D., Richmond, Carlt. Co., 0 186: *Beaudette, Alfred	5
Beaudry, Louis B., St. Cesaire, Q 187	1 1
Deadury, Louis D.,	
Beckstead, M., Lisbon Centre, St. Law. Co., N.Y 187	8 1
Law. 00., N. 1 107	7 1
†Bell, James, Montreal 187	
*Bell, John, M.A.,	0
Bell, Robert, C.E., Ottawa 187	5
*Bell, James.  *Bell, John, M. A.,  Bell, Robert, C. E.,  Bell, Robert W.,  *Bell, Robert	3 (
Belleau, Alfred, Quebec 186	2
187	0 1
Bergin, Darby, Cornwall, 0 184	
Bessey, William E., Toronto, Ont 186	3 1
Bessey, William E., Bender, Prosper, Bender, Prosper, Chatham N. B. 187	5
Benson, Joseph B., Chatham, N.B 187	5
Benson, Joseph B., Chatham, N.B 187	0
*Bergeron, Joseph Bergin, Darby, Bessey, William E., Bender, Prosper, Renson. Joseph B., *Bibaud, Jean G., *Bibaud, Jean G., *Bibaud, Jean G., *Blackader, Alex. D., B. A., Montreal, Q. 188 Blacklock, John J., *Blacket, J. B.,	0
†Birkett, H. S., Montreal, Q 188 Blackader, Alex. D., B. A., Montreal 187	6
Blackder, Alex. D., B.A., Montreal 187 Blacklock, John J., Chesterville, O 185	1
Blacklock, John J., Chesterville, O 185	1
*Rlanchet, J. B.,	
Blair, Robt, C., Three Rivers, Q 186	
*Rligh John W	
*Bligh, John W.,	
Bogart, Irvine D., Mene, O 185	
Boggs, G. W., Wolfville, N S 188	
*Bomberry, Geo. E., 187	
Bonesteel, S A., Colombus, Neb 188	1
Boulter, George H., Stirling, O 185	
Bowser, J. C., Kingston, N.B 188	
*Boyer, Louis.	
*Boylan, Andrew A.,	
Doylan, Andrew A., Conhanger Mai 10	77
Boyle, Albert D., Carbonear, Nfld 187	00
*Bowman, William E.,	00
Bower, Silas J., Waddington, N.Y 186	1 6
Blacklock, John J.,  *Blanchet, J. B.,  *Blair, Robt. C.,  *Bligh, John W.,  Bogart, Irvine D.,  Bogas, G. W.,  *Bomberry, Geo. E.,  Bonesteel, S. A.,  Boulter, George H.,  Bowser, J. C.,  *Boylen, Andrew A.,  Boyle, Albert D.,  *Bowman, William E.,  *Bower, Silas J.,  *Waddington, N. Y. 186	

Bradley, William, Braithwaite, Francis H., Brandon, John, Breslin, William I., Ancaster, 0 1867 46th Regiment 1847 1850 1863 Brockville, 0 1861 Laprairie, Q 1875 Melbourne, Q 1881 Plattsville, O 1879 vue, Q 1863 405 W. Washington Brown, Harry, Brown, Chs. O.,
Browne, Arthur A., B. A., Montreal Bruneau, Adolphe,
Bruneau, Oliver T. [Hon],
Bruneau, Onésime,
Bryson, William G., Fenelon Falls, O
Bucke, Richard Maurice,
London, O 1867 Bryson, William Gr., Fenelon Falls, O Bucke, Richard Maurice, London, O I \*Bucke, Edward H., \*Buckle, John M. C., Buckley, William P., Buckley, William P., Bullen, Charles F., Buller Frank, Burgess, J. A., Listowell, O Burch, B. F., Walla Walla, Walsh Ter J\*Burland, John H., Burland, Samuel C., Chester, Penn Burland, William B., Burland, William B., Burland, Benj. W., Mineville, N. Y. Burrows, F. N., Montreal, Q. Burrows, Philip P., Lindsay, O \*Burland, William R., Burland, Benj. W., Mineville, N. Y. Burrows, Philip P., Lindsay, O \*Burland, Montreal, Q. Burwash, Hy. J., Milw. Ave., Chicago \*Butler, George C., Butler, George C., Butler, George C., Buttler, Billa F., \*Stirling, O \*Butler, John N., Stirling, O \*Butler, George C., Buttler, Billa F., \*Buxton, John N., 1870 1863 1872 1865 \*Buxton, John N., Wyandotte, Mich 1880 Montreal 1883

Cahalan, James, Cameron, Chas. E., Montreal 1883
Cameron, D.A., Strathroy 1885
Cameron, Duncan H., Portland, Ore 1877
Cameron, John D., Norway, Mich 1878
\*Campbell, Donald Peter, Campbell, Francis Wayland, Montreal 1860
Campbell, John, Campbell, John, Campbell, John, Campbell, John, Campbell, Lorne, Campbell, Lorne, Campbell, A. W., Montreal, Older, Campbell, A. W., Cannon, Gilbert, Carmichael, D. A., Mar. Hosp. Serv. Cairo, Ill 1873
Carsand, Philip E., Detroit, Minn 1879
Cassidy, David M., Med. Supt. County December 2018
Cameron, Duncan H., Montreal 1873
Strathroy 1887
Strat

Asylum, Lancaster, Eng 1867 Cassidy, Geo. A., Goldstone, 0 1855 Cassidy, John F., Goderich, 0 1855 Carroll, Robert W. W.,

Carruthers, George, North Bedeque.	Crocket W C P A Francis
Carron, J. H., Lake Park, Minn 1881	Crocket, W. C., B.A., Fredericton, N B 1886 Crothers, William, Stanbridge, Q 1879
Carson, J. H., Lake Park, Minn 1881	*Culvers, Joseph B., *Cuninghame, W. C. Thurlow 1858
Carter, Saugustus, Meadow Vale, O 1859	*Cuninghame, W. C. Thurlow 1858
Case, W. Hermanns. Hamilton O 1970	Cutter, Frederick A., Sutton, Q 1873
Casgrain, Charles E., Windsor, O 1851	Daly Guy D F
Casgrain, Charles E., Cattanach, Andrew J., Cattanach, Angus M, Dalhousie Mills, 0 1882 Cattanach, W. S., Chagnon, Vincelaus G. B., Fall River,	Daly, Guy D. F., Daly, Walter S., Ogdensburg, U. S 1885
Cattanach, Angus M, Dalhousie Mills, O 1882	*Dansereau, Charles, 1842 Dansereau, Charles, 1869
Chagnon Vincelans G P Fall P:	Dansereau, Charles, 1869
	*Dansereau. Pierre, 1835
Chaliner, Francis.	Davey, J. H., Davey, J. H., Davies, Thomas B., Davies, Thomas B., Davies, Thomas B.,
Cherry, William, Toledo, Ohio 1869	Davey, J. H., Davies, Thomas B., Philadelphia 1866 Chelses O 1884
Chevelier Gustava Policy 1 0 1862	Daviguon, r. F., Loodwille Col 1871
Chevalier, Napoleon E. Therville 0 1872	Dawson, R., B.A., Montreal 1882
Chipman, C. J. H., B. A., Ottawa, 0 1868	Daze, Henri, Montreal 1885
Cherry, William, Toledo, Ohio 1839  *Chesley, George Ashbold, 1862 Chevalier, Gustave, Bedford, Q 1860 Chevalier, Napoleon E, Chipman, C. J. H., B. A., Ottawa, O 1868  *Chisholm, Alex., Alexandria, O 1878 Chisholm, Murdoch, Bay Roberts, Nfld 1879	Daze, Henri, Montreal 1882 Daze, Henri, Montreal 1885 Dearden, G. A., Victoria, B C 1882 *Dease, Peter Warren, 1847 DeBonald, C. S., Berthier en haut, Q 1862 De Boucherville, Charles B., Quebec 1843
Christia Change, Bay Roberts, Nfld 1879	DeBonald, C. S., Berthier en haut, O 1862
Christie, George H, Lachute, Q 1872 Christie, John B., Palaluma, Son Co.	DeBoucherville, Charles B., Quebec 1843
Chairtie my Cal 1865	
Christie, Thomas, Lachute, Q 1848 Christie, John H., B.A., 833 W 22nd St.,	Dedrosbois, T. B., Demorest, B. G. G., Derby, W. J., **Possullairs** A table 1882 **Possullairs** A table 1882
Christie, John H., B.A., 833 W 22nd St.,	Derby, W. J., Rockland O 1882
	*Desaulniers, Antoine A., 1863
Christie, Edmund, Chicago 1882 *Church, Charles H., 1862	Decelles, Unaries 1)
Church, Clarence R., Ottawa 1868	Dibblee, G. O., Moor's Mills, N B 1880
Church, Coller M., Aylmer, Q 1855	Dick. James R. 1949
Church, Coller M., Church, F. W., Church, Levi R., Church, Mill. W., Montreal 1857	*Inckinson James S 1946
Church, Mills K., Merrickville, O 1864	*Dickinson, George, 1868
*Church, Peter H., 1846	*Dickson, William W., Digby, F. Winniett, Pembroke, 0 1863 Brantford, 0 1863
*Church, Charles H., Church, Clarence R., Church, Coller M., Church, F. W., Church, Levi R., Church, Peter H., Clarke Hy. J., Clarke Cetayins H. E., Cohoes, N. V. 1870	Digoy, F. Winniett, *Dodd. John, Doherty, W. W., Donnelly, C. H.,  *Brantford, O 1863 *Kingston, N. B 1885 Waresville, Texas 1860
Clarke Wellage P. A., Cohoes, N. Y 1870	Doherty, W. W., Kingston, N. B 1885
Clarke Hy. J., Winnipeg, Man 1881 Clarke, Octavius H. E., Cohoes, N. Y 1870 Clarke, Wallace, B. A., Utika, N Y 1871 Clarke, Henry J., Pembina, Dakota 1884 Clarke, Bichayd A.	Donnelly, C. H., Waresville, Texas 1860
Clarke, Richard A., Essex Co, O 1870	*Dorion, Severe, 1843 *Dorland, Enoch G., 1850
Clarke, F. G. B., Fordwych Road, Kilburn, London, Eng 1876 Clarke, J. L., Waterloo, Q 1886	Dorland, James, Milwaukee, Wis 1875 Douglas, James (Hon), St. Catherires, O 1867- Douglass, James (Hon), Egansville, O 1875 Dryke Legarh M. Egansville, O 1875
Clarke, J. L., Waterloo, Q 1886	Dougan, Wm., St. Catherines, 0 1867
Clarke, J. L., Waterloo, & 1886 Clemesha, John W., Port Hope, & 1867 Clemesha, Victor A., St. Clarke, Waterloo, & 1886	Douglass, James [Hon], 1847
Clemesha. John W., Port Hope, O 1866 Clement, Victor A., St. Guillaume, O 1866 †Cline, John D., B.A., Nanairro, B. C. 1870 Cluness, Daniel	Dowling, John F., Egansville, 0 1875 Drake, Joseph M., Abbottsford, Q 1861
*†Cline, John D., B.A., 1874	Dubuc, Charlemagne Montreal 1964
Cluness, Daniel, Codd, Alfred, *Colling Charles W *Colling Charles W	*Ducket, Stephen, 1853
*Collins, Charles W., 1869	Duckett, William A., Montreal 1859
Comson, R., Norfolk, St Law Co., NY 1878	Duford, Thadee A., St Sebastien, Q 1865 Duhamel, Louis, Hull, Q 1860
	Dulamel, Louis, Hull, Q 1860 Duhamel, Louis, Hull, Q 1860 Duncan, Geo., Farcham, Hants, Eng 1866 Duncan, Gedeon M., Bathurst, N B 1871 Duncan, George C., London, Eng 1875 Duncan, James S., Surg. Mag. Army 1858 "Duncan, John.
Comeau, John B., Cook, Guy R., R.A., Cook, Ghermon L., Cook, Sheldon E., Cook, Sheldon E., Cook, Chestler H.,	Duncan, Gedeon M., Bathurst, N B 1871
Cook, Hermon L., Napanee, O 1854	Duncan, George C., London, Eng 1875
Cook, Sheldon E., Aultsville, O 1884	*Duncan, John, 1871
	Duncan, John A., Moose Jaw, N. W. T 1884
Cooke, Charles H., Cooke, Sydney P., Cooke, W. H., Cooke, W. H., Wolfston, Q 1876	Duncan, John A., Moose Jaw, N. W. T 1884 Duncan, W. T., Fergus Falls, Minn 1882 Dunlop, H. A., Crookston, Minn 1882 *Dunn, William Oscar, 1843 *Dunsmore, John M. Stratford O. 1870
Copeland, Wm. L., 719 W. Washing-	*Dunn, William Oscar
ton St Chiango 1879	Dunsmore, John M., Stratford, 0 1870
*Corbett, A. P. M., Corbett, William H., Brig. Surg Army Mod Post 1854	Dupuis, Joseph B., Clarenceville, Q 1856
Cornett, William H., Brig. Surg Army	
Corlis Josiah St Thomas O 1869	Easton, John, Eberle, Harry A., Brockville, O 1852 Kansas City, Mo 1876
Cormack, Wm., *Corsan, John, Corsan, Douglas, Montreal, Q 1885	Eberts, D. W., Winning 1885
*Corsan, John, 1869	Edwards, Eliphalet G., London, O 1855
Corton C J Corresponding Q 1885	Edwards, J. S., London, O 1880
Couting, W. C., Cowansville, Q 1877 Cousing, W. C., Ottawa, O 1882	Easton, John, Brockville, O 1852 Eberle, Harry A., Kansas City, Mo 1876 Eberts, D. W., Winnipeg 1885 Edwards, Eliphalet G., London, O 1855 Edwards, J. S., London, O 1880 Edwards, Oliver C., Qu'appelle, N W T 1873 Elder, John B. A., Huntingdon, Q 1885 Elderkin, Edwin J., Ayondale, 1885
*Cowley, Thomas McJ., 1870	Elderkin, Edwin J., Avondale
Cowley D V	Hants Co., N S 1884
	Ellrinton A C Cum Mai Cuan Cuda 1869
	Ellison C D 900 H 10 1 Ct 37 V 1070
Craig. Thornton Capay Cal 1876	Ellison, S. R., 268 W 43rd St N Y 1873
Craig, Thornton, Craig, M. A., Glen Water, O 1886	Hants Co., N S 1884 Elkinton, A. G., Sur. Maj. Gren. Grds 1862 Ellison, S. R., 268 W 43rd St N Y 1873 *Emery, Gordon J., Minneapolis, Minn 1857 *English. T. F., 1858
	Ellison, S. R., 268 W 43rd St N Y 1873 Emery, Gordon J., Minneapolis, Minn 1857 *English, T. F., 1858 *Erskine, John, 1860
	*English, T. F 1858 *Erskine, John, 1860 Ethier, Calixte, St. Eugene, Q 1867
Cox, Frank, Coyle, Henry W., Craig, M. A., Craik, Robert, Cram, Daniel C., Cramy, Capay, Cal 1856 Glen Water, O 1886 Cram, Daniel C., Crawford, James [ad eun], Crichten, Stuart  Crichten, Stuart  Crank, Corang, Cal 1865	Ellison, S. R., 268 W 43rd St N Y 1873 Emery, Gordon J., Minneapolis, Minn 1857 *English, T. F., 1858 *Erskine, John, Ethier, Calixte, Evans, Griffith, St. Eugene, Q 1867 Vet. Dept. Army Woolwich, Eng 1864

Ewing, William, Hawkesbury, 0 1873	
	Grant, Donald J., Woodbridge, 0 1863
Hamb, a minum,	Grant, James A., Ottawa, 0 1854
Falkner, Alexander, Lancaster, 0 1866	Grant, Jas. A., Jr., B.A., Ottawa, 0 1882
Falkner, Alexander, Lancaster, U 1800 Falls, Samuel K Chicago 1875	Grant, William, Perth, U 1801
Falls, Samuel K., Chicago 1875	Grant, J. H. Y., Ottawa, 0 1886
Farewell, G. McGill, Princeton, O 1872 Oshawa, O 1887 Oshawa, O 1887	Gray, John S., Winnipeg, Man 1876
Farewell, W. G., Oshawa, O 1808	Doiglay O 1870
Farley, Jas. T., Fremont Centre, Mich 1877	Gray, Thomas, Paisley, 0 1879
Fowler John I Relleville, U 10/0	Gray, James,
Faulkner, George W., Faulkner, D. W., Feader, H. C., Feide, E. C., Fenwick, Geo. E., Fenwick, Geo. E., Fenwick and R. Dalbause Mills, 03, 1866	Gray, W. L.,  Greaves, Henry C.,  Greenwood, F. S.,  St. Catharines. 0 1878  Greer, T. A., C. SS. Minia, Halifax, N S 1876  *Grores, C.,  Groves, George H.,  Guerin, James, J. E.,  Guest, Thomas F.,  Gund, James,  Gurd, David F.,  Montreal 1878  Montreal 1879
Faulkher, George W., Forboro O 1878	Greaves, Henry C., Barbadoes 1877
Faulkner, D. W.,	Greenwood F.S. St Catharines, O 1878
Feader, H. C., Unicago, Ill 1001	Cross T A C SS Minio Holifor NS 1876
Feilde, E. C., Prescott, O 1881	Greer, I. A., C. SS. Millia, Halliax, II S 1010
Fenwick, Geo. E., Montreal 1847	*Grenier, L. P. A.,
Forgusson Alex R Dalhousie Mills, O 1866	Groves, George H., Carp, U 1879
Fergusson, Alex. R., Dalhousie Mills, O 1866 Fergusson, Wm. A., B.A., Montreal 1884 Finlay, F. G., Montreal 1885	Groves, W., Carp, 0 1886
Ferguson, Will. A., D.A., Montreel 1885	Guerin James J. E. Montreal 1878
Finlay, F. G., Montreal 1884	Guest Thomas E St Marys O 1873
	Const, Inomas I., Downson Co Chay O 1861
Finnie John T. Montreal 1009	Gunn, James, Durnam, Co. Grey O 1601
*Fisher, John,	Gurd, David F., Montreal 1879
*Eit-moneld Tomor	Gustin, Smith, Bay City, Mich 1885
*Fitzgerald, James Fortier, Louis M., Huntingdon, Q 1873	Gustin, Smith, Bay City, Mich 1885 Gustin, Wm. Claud, Detroit, Mich 1863
Fortier, Louis M., Huntingdon, & 1946	ductili, ii ili ottata,
*Foster, Stephen Sewell,	Hamata Dad M. T. Doutogo la Projeja
*Foster, Stephen Sewell, 1846 Fraleigh, William S., Perth, 0 1881 Fraser, H. D., Perth, 0 1881 Fraser, William H., Fraser, William H., Fraser, Donald M., Errser Donald M., Control of the service of the	Hagarty, Dad. M. J., Portage la Prairie
Fraser, H. D., Fsaser, Alex. C., Manitowoc, Wis 1877	Manitoba 1866
Fragor Alex C Manitowed Wis 1877	*Hall, Archibald fad eun]. 1848
Fraser William 1836	*Hall, James B 1866
*Fraser, William,	*Hall, James B.,  *Hall, J. W., Hallett, E. O.,  Truro, N S 1885
Fraser, William H., Liverpool, N.S 1867	Hall, J. W.,
Fraser, Donald M., Fraser, Donald, Chicago, Ill 1868	Hallett, E. O., Truro, N S 1885
Fragor Donald Chicago III 1868	
Fraser, Donald, Chicago, Ill 1808	*Hamilton Andrew W. 1859
Fraser, J. K.,	*Hamilton, Andrew W., 1859 Hamilton, Charles S., Demorestville, 0 1868
Freeman, C. M., Cape Sable 181., N S 1011	Hamilton, Charles S., Demolestrine, 0 1971
Fraser, J. R., Freeman, C. M., Fuller, W., Fuller, W.,	Hamilton, John R., Stration, Vicin
Fuller H LeRoy B A Sweetshurg, Q 1870	*Hamilton, Rufus F.,
Fraser, J. R., Freeman, C. M., Gape Sable Isl., N S 1871 Fuller, W., Grand Rapids, Mich 1866 Fuller, H. LeRoy, B. A., Sweetsburg, Q 1870 Fulton, James H., Montreal 1863	Hammel, Joseph A., Hammond, J. H., Montreal 1869
Fulton, James H., Montreal 1863	Hammond I H Montreal 1869
TO CU: 35: 1 1000	Hanna, A. E., Harlem, O 1885
Gale, Hugh, Bay City, Mich 1882	
*Garvey. Joseph. 1852	Hanna, Franklin, Lansdowne, 0 1879
*Garvey, Joseph, Gardner. H. H., San Francisco, Cal 1878	Hanover, William Seaforth, U 1873
Gardner, John J., Montreal 1883	Hanvey, C. J. B., Yale, BC 1883
Gardner, John J., Gardner, Matthew, Gardner, William, Gardner, William, Montreal 1883 Sacramento, Cal 1871 Montreal 1887 Montreal 1883	Hanna, Frankin, Hanvey, C. J. B., Harkin, F. McD., Hart. F. W., Harvey, J. B., Harvey, William A., Harriston, 0 187  Vankleek Hill, 0 1885 St. Martinville, La 1885 Harvey, William A., Harriston, 0 187  Harriston, 0 187
Gardner, Matthew, Sacramento, Cal 1871	Harkin, F. McD., St Martinville La 1835
Gardner, William, Montreal 1867	Hart, r. W., St. Martinville, La 1981
Gairdner, T. M.,  *Gascoigne, Geo. E.,  *Gascoigne, Geo. E.,  *Gascoigne, Geo. E.,	Harvie, J. B., 5/5 1st St, 1roy, N 1 1001
*Gascoigne Geo. E. 1861	Harvey, William A., Harriston, U 1874
Gaviller, Edwin A., Hamilton, O 1873	
	Harkin, Henry, Liverpool, Eng 1867
	*II-lin William 1858
*Ganyroon Lowis H 1836	*Harkin Williams 1508
*Ganyroon Lowis H 1836	*Harkin, William, 1868 Harkings Inc. Dickinson's Corners, 0 1862
*Gauvreau, Lewis H., Gendron, Thomas, St. Raymond, Q 1866	*Harkin, William, 1868 Harkings Inc. Dickinson's Corners, 0 1862
*Gauvreau, Lewis H., Gendron, Thomas, St. Raymond, Q 1866	*Harkin, William, Harkness, Jno., Dickinson's Corners, 0 1862 Harkness, Andrew, New Lancaster, 0 1869
*Gauvreau, Lewis H., Gendron, Thomas, St. Raymond, Q 1866	*Harkin, William, Harkness, Jno., Dickinson's Corners, 0 1862 Harkness, Andrew, New Lancaster, 0 1869
*Gauvreau, Lewis H., Gendron, Thomas, St. Raymond, Q 1866	*Harkin, William, Harkness, Jno., Dickinson's Corners, 0 1862 Harkness, Andrew, New Lancaster, 0 1869
*Gauvreau, Lewis H., Gendron, Thomas, St. Raymond, Q 1866	*Harkin, William, Harkness, Jno., Dickinson's Corners, 0 1862 Harkness, Andrew, New Lancaster, 0 1869
*Gauvreau, Lewis H., Gendron, Thomas, St. Raymond, Q 1866	*Harkin, William, 1708 Harkness, Jno., Dickinson's Corners, 0 1862 Harkness, Andrew, New Lancaster, 0 1869
*Gauvreau, Lewis H., Gendron, Thomas, St. Raymond, Q 1866	*Harkin, William, Harkin, William, 1988. Harkness, Jno., Dickinson's Corners, O 1862 Harkness, Andrew, New Lancaster, O 1869 Harrison, David H., Manitoba 1864 Harrison, H. J., Moulinette, O 1883 Hart, George C, Prescott, O 1879 Hannington, E. B. C., Yale, B C 1875 Hawkins, A. C., Halifax, NS 1885
*Gauvreau, Lewis H., Gendron, Thomas, St. Raymond, Q 1866	*Harkin, William, Harkin, William, 1988. Harkness, Jno., Dickinson's Corners, O 1862 Harkness, Andrew, New Lancaster, O 1869 Harrison, David H., Manitoba 1864 Harrison, H. J., Moulinette, O 1883 Hart, George C, Prescott, O 1879 Hannington, E. B. C., Yale, B C 1875 Hawkins, A. C., Halifax, NS 1885
*Gauvreau, Lewis H., Gendron, Thomas, St. Raymond, Q 1866	*Harkin, William, Harkin, William, Harkness, Jno. Dickinson's Corners, 0 1862 Harkness, Andrew, New Lancaster, 0 1869 Harrison, David H., Manitoba 1864 Harrison, H. J., Moulinette, 0 1883 Hart, George C, Hannington, E. B. C., Halifax, NS 1885 Simcoe, 0 1866 Charlette 1866
*Gauvreau, Lewis H., Gendron, Thomas, Gernon, George W., *Gibb, George D., Gibson, John B., Gibson, W. B., *Gibson, Edward B., Gibson, J. B., Gilbert, Henry L., Gillis, John A. F. Summerside, P. E I 1877	*Harkin, William, Harkin, William, Harkness, Jno. Dickinson's Corners, 0 1862 Harkness, Andrew, New Lancaster, 0 1869 Harrison, David H., Manitoba 1864 Harrison, H. J., Moulinette, 0 1883 Hart, George C, Hannington, E. B. C., Halifax, NS 1885 Simcoe, 0 1866 Charlette 1866
*Gauvreau, Lewis H., Gendron, Thomas, Gernon, George W., *Gibb, George D., Gibson, John B., Gibson, W. B., *Gibson, Edward B., Gilbert, Henry L., Gillis, John A. F., Gillis, John A. F., Gillis, John Ecewater. O 1867 Teeswater. O 1867	*Harkin, William, Harkin, William, Harkness, Jno. Dickinson's Corners, 0 1862 Harkness, Andrew, New Lancaster, 0 1869 Harrison, David H., Manitoba 1864 Harrison, H. J., Moulinette, 0 1883 Hart, George C, Hannington, E. B. C., Halifax, NS 1885 Simcoe, 0 1866 Charlette 1866
*Gauvreau, Lewis H., Gendron, Thomas, Gernon, George W., *Gibb, George D., Gibson, John B., Gibson, W. B., *Gibson, Edward B., Gilbert, Henry L., Gillis, John A. F., Gillis, John A. F., Gillis, John Ecewater. O 1867 Teeswater. O 1867	*Harkin, William, Harkin, William, Harkness, Jno., Dickinson's Corners, 0 1862 Harkness, Andrew, New Laneaster, 0 1869 Hærrison, David H., Manitoba 1864 Harrison, H. J., Moulinette, 0 1883 Hart, George C, Hannington, E. B. C., Halifax, NS 1885 Hayes, James, Haythorne, T. J., B.A., Charlotte-town, P E I 1886 Heard, C. DeW., Wikishell, NY 1873
*Gauvreau, Lewis H., Gendron, Thomas, Gernon, George W., *Gibb, George D., Gibson, John B., Gibson, Edward B., Gilbert, Henry L., Gillis, John A. F., Gillies, John, Gilmour, Angus A, Gignor, Philippe	*Harkin, William, Harkin, William, William, Warkness, Jno., Diekinson's Corners, O 1862 Harkness, Andrew, New Lancaster, O 1869 Harrison, David H., Manitoba 1864 Harrison, H. J., Moulinette, O 1883 Prescott, O 1879 Hart, George C, Prescott, O 1879 Hart, George C, Hannington, E. B. C., Halfax, NS 1885 Simcoe, O 1864 Haythorne, T. J., B.A., Charlottetown, P. E. I 1886 Heard, C. DeW., Keelby, Eng 1880 Hebert, P. Zotique, Whitehall, NY 1878
*Gauvreau, Lewis H., Gendron, Thomas, Gernon, George W., *Gibb, George D., Gibson, John B., Gibson, Edward B., Gilbert, Henry L., Gillis, John A. F., Gillies, John, Gilmour, Angus A, Gignor, Philippe	*Harkin, William, Harkin, William, William, Warkness, Jno., Diekinson's Corners, O 1862 Harkness, Andrew, New Lancaster, O 1869 Harrison, David H., Manitoba 1864 Harrison, H. J., Moulinette, O 1883 Prescott, O 1879 Hart, George C, Prescott, O 1879 Hart, George C, Hannington, E. B. C., Halfax, NS 1885 Simcoe, O 1864 Haythorne, T. J., B.A., Charlottetown, P. E. I 1886 Heard, C. DeW., Keelby, Eng 1880 Hebert, P. Zotique, Whitehall, NY 1878
*Gauvreau, Lewis H., Gendron, Thomas, Gernon, George W., *Gibb, George D., Gibson, John B., Gibson, Edward B., Gilbert, Henry L., Gillis, John A. F., Gillies, John, Gilmour, Angus A, Gignor, Philippe	*Harkin, William, Harkin, William, Harkiness, Jno., Diekinson's Corners, 0 1862 Harkness, Andrew, New Lancaster, 0 1869 Harrison, David H., Manitoba 1864 Harrison, H. J., Moulinette, 0 1883 Hart, George C, Prescott, 0 1879 Hannington, E. B. C., Halifax, NS 1885 Haythorne, T. J., B.A., Simcoe, 0 1860 Heard, C. DeW., Keelby, Eng 1880 Hebert, P. Zotique, Whitehall, NY 1873 †Henderson, Alex. A., Ottawa, 0 1870
*Gauvreau, Lewis H., Gendron, Thomas, Gernon, George W., *Gibb, George D., Gibson, John B., Gibson, Edward B., Gilbert, Henry L., Gillis, John A. F., Gillies, John, Gilmour, Angus A, Gignor, Philippe	*Harkin, William, Harkin, William, Harkness, Jno., Dickinson's Corners, 0 1862 Harkness, Andrew, New Laneaster, 0 1869 Harrison, David H., Manitoba 1864 Harrison, H. J., Moulinette, 0 1883 Hart, George C, Hannington, E. B. C., Halifax, NS 1885 Simcoe, 0 1866 Haythorne, T. J., B. A., Headerson, Alex. A., Whitehall, NY 1873 (1874) Henderson, E. G., Handleyen, Pater, A M. 1874
*Gauvreau, Lewis H., Gendron, Thomas, Gernon, George W., *Gibb, George D., Gibson, John B., Gibson, Edward B., Gilbert, Henry L., Gillis, John A. F., Gillies, John, Gilmour, Angus A, Gignor, Philippe	*Harkin, William, Harkin, William, Harkness, Jno., Dickinson's Corners, 0 1862 Harkness, Andrew, New Laneaster, 0 1869 Harrison, David H., Manitoba 1864 Harrison, H. J., Moulinette, 0 1883 Hart, George C, Hannington, E. B. C., Halifax, NS 1885 Simcoe, 0 1866 Haythorne, T. J., B. A., Headerson, Alex. A., Whitehall, NY 1873 (1874) Henderson, E. G., Handleyen, Pater, A M. 1874
*Gauvreau, Lewis H., Gendron, Thomas, Gernon, George W., *Gibb, George D., Gibson, John B., Gibson, Edward B., Gilbert, Henry L., Gillies, John A. F., Gillies, John, Gilmour, Angus A, *Giroux, Philippe, Girdwod, Gilbert P., Giladman, G. J., Gladman, G. J	*Harkin, William, Harkin, William, Harkness, Jno., Dickinson's Corners, 0 1862 Harkness, Andrew, New Laneaster, 0 1869 Harrison, David H., Manitoba 1864 Harrison, H. J., Moulinette, 0 1883 Hart, George C, Hannington, E. B. C., Halifax, NS 1885 Simcoe, 0 1866 Haythorne, T. J., B. A., Headerson, Alex. A., Whitehall, NY 1873 (1874) Henderson, E. G., Handleyen, Pater, A M. 1874
*Gauvreau, Lewis H., Gendron, Thomas, Gernon, George W., *Gibb, George D., Gibson, John B., Gibson, John B., Gibson, J. B., Gibson, J. B., Gillis, John A. F., Gillis, John A. F., Gillies, John, Gilmour, Angus A, *Giroux, Philippe, Girdwood, Gilbert P., Gladman, G. J., Godfrey, Robert, Godfrey, Abraham C., Gernon, George W., *Marieville, Q 1872 Surmerside, P. E. I 1877 Teeswater. 0 1867 Modesca, Cal 1868 Lindsay, O. 1886 Chambly, Q 1838 Montreal 1849 Montreal 1844 Freemantle.	*Harkin, William, Harkin, William, Harkness, Jno., Dickinson's Corners, 0 1862 Harkness, Andrew, New Laneaster, 0 1869 Harrison, David H., Manitoba 1864 Harrison, H. J., Moulinette, 0 1883 Hart, George C, Hannington, E. B. C., Halifax, NS 1885 Simcoe, 0 1866 Haythorne, T. J., B. A., Headerson, Alex. A., Whitehall, NY 1873 (1874) Henderson, E. G., Handleyen, Pater, A M. 1874
*Gauvreau, Lewis H., Gendron, Thomas, Gernon, George W., *Gibb, George D., Gibson, John B., Gibson, John B., Gibson, J. B., Gibson, J. B., Gillis, John A. F., Gillis, John A. F., Gillies, John, Gilmour, Angus A, *Giroux, Philippe, Girdwood, Gilbert P., Gladman, G. J., Godfrey, Robert, Godfrey, Abraham C., Gernon, George W., *Marieville, Q 1872 Surmerside, P. E. I 1877 Teeswater. 0 1867 Modesca, Cal 1868 Lindsay, O. 1886 Chambly, Q 1838 Montreal 1849 Montreal 1844 Freemantle.	*Harkin, William, Harkin, William, Harkness, Jno., Dickinson's Corners, 0 1862 Harkness, Andrew, New Laneaster, 0 1869 Harrison, David H., Manitoba 1864 Harrison, H. J., Moulinette, 0 1883 Hart, George C, Hannington, E. B. C., Halifax, NS 1885 Simcoe, 0 1866 Haythorne, T. J., B. A., Headerson, Alex. A., Whitehall, NY 1873 (1874) Henderson, E. G., Handleyen, Pater, A M. 1874
*Gauvreau, Lewis H., Gendron, Thomas, Gernon, George W., *Gibb, George D., Gibson, John B., Gibson, John B., Gibson, J. B., Gilbert, Henry L., Gillies, John A. F., Gillies, John, Gilmour, Angus A, *Giroux, Philippe, Girdwood, Gilbert P., Gladman, G. J., Glen, C. W. E., Godfrey, Robert, Godfrey, Abraham C., St. Raymond, Q. 1865 Marieville, Q. 1872 Summerside, P. E. 1877 Modesca, Cal 1868 Montreal 1869 Lindsay, O. 1885 Montreal 1869 Lindsay, O. 1886 Chambly, Q. 1885 Montreal 1844 Southampton, Eng 1865	*Harkin, William, Harkin, William, Harkness, Jno., Dickinson's Corners, 0 1862 Harkness, Andrew, New Laneaster, 0 1869 Harrison, David H., Manitoba 1864 Harrison, H. J., Moulinette, 0 1883 Hart, George C, Hannington, E. B. C., Halifax, NS 1885 Simcoe, 0 1866 Haythorne, T. J., B. A., Headerson, Alex. A., Whitehall, NY 1873 (1874) Henderson, E. G., Handleyen, Pater, A M. 1874
*Gauvreau, Lewis H., Gendron, Thomas, Gernon, George W., *Gibb, George D., Gibson, John B., Gibson, J. B., Gibson, J. B., Gilbson, J. B., Gilbert, Henry L., Gillies, John A. F.,	*Harkin, William, Harkin, William, Harkness, Jno., Dickinson's Corners, 0 1862 Harkness, Andrew, New Laneaster, 0 1869 Harrison, David H., Manitoba 1864 Harrison, H. J., Moulinette, 0 1883 Hart, George C, Hannington, E. B. C., Halifax, NS 1885 Simcoe, 0 1866 Haythorne, T. J., B. A., Headerson, Alex. A., Whitehall, NY 1873 (1874) Henderson, E. G., Handleyen, Pater, A M. 1874
*Gauvreau, Lewis H., Gendron, Thomas, Gernon, George W., *Gibb, George D., Gibson, John B., Gibson, John B., Gibson, J. B., Gibson, J. B., Gillis, John A. F., Gillis, John A. F., Gillies, John, Gilmour, Angus A, *Giroux, Philipoe, Girdwood, Gilbert P., Gladman, G. J., Glen, C. W. E., Godfrey, Robert, Godfroth, Franklin, *Godforth, Franklin,  St. Raymond, Q. 1862 Cowansville, Q. 1855 Sherbrooke, Q. 1875 Sherbrooke, Q. 1875 Modesca, Cal 1868 Montreal 1869 Lindsay, O. 1886 Chambly, Q. 1888 Montreal 1864 Southampton, Eng. 1865	*Harkin, William, Harkness, Jno., Dickinson's Corners, 0 1862 Harkness, Andrew, New Lancaster, 0 1869 Harrison, David H., Harrison, H. J., Harrison, H. J., Harrison, H. J., Harrison, H. J., Hannington, E. B. C., Hawkins, A. C., Hayes, James, Haythorne, T. J., B.A., Heard, C. DeW., Hebert, P. Zotique, †Henderson, Alex. A., †Henderson, Alex. A., *Henderson, Peter, A.M., Henderson, Peter, A.M., Henderson, Andrew, Henny, Walter [Hon.] *Henry, Walter [Hon.] *Henry, Walter [Hon.] *Henry, Walter J., Henry, Walfred J.,
*Gauvreau, Lewis H., Gendron, Thomas, Gernon, George W., *Gibb, George D., Gibson, John B., Gibson, Edward B., Gibson, J. B., Gilbert, Henry L., Gillies, John A. F., Gillies, Jo	*Harkin, William, Harkness, Jno., Dickinson's Corners, 0 1862 Harkness, Andrew, New Lancaster, 0 1869 Harrison, David H., Harrison, H. J., Harrison, H. J., Harrison, H. J., Harrison, H. J., Hannington, E. B. C., Hawkins, A. C., Hayes, James, Haythorne, T. J., B.A., Heard, C. DeW., Hebert, P. Zotique, †Henderson, Alex. A., †Henderson, Alex. A., *Henderson, Peter, A.M., Henderson, Peter, A.M., Henderson, Andrew, Henny, Walter [Hon.] *Henry, Walter [Hon.] *Henry, Walter [Hon.] *Henry, Walter J., Henry, Walfred J.,
*Gauvreau, Lewis H., Gendron, Thomas, Gernon, George W., *Gibb, George D., Gibson, John B., Gibson, Edward B., Gibson, J. B., Gilbert, Henry L., Gillies, John A. F., Gillies, Jo	*Harkin, William, Harkness, Jno., Dickinson's Corners, 0 1862 Harkness, Andrew, New Lancaster, 0 1869 Harrison, David H., Harrison, H. J., Harrison, H. J., Harrison, H. J., Harrison, H. J., Hannington, E. B. C., Hawkins, A. C., Hayes, James, Haythorne, T. J., B.A., Heard, C. DeW., Hebert, P. Zotique, †Henderson, Alex. A., †Henderson, Alex. A., *Henderson, Peter, A.M., Henderson, Peter, A.M., Henderson, Andrew, Henny, Walter [Hon.] *Henry, Walter [Hon.] *Henry, Walter [Hon.] *Henry, Walter J., Henry, Walfred J.,
*Gauvreau, Lewis H., Gendron, Thomas, Gernon, George W., *Gibb, George D., Gibson, John B., Gibson, Edward B., Gibson, J. B., Gilbert, Henry L., Gillies, John A. F., Gillies, Jo	*Harkin, William, Harkinses, Jno., Diekinson's Corners, O 1862 Harkness, Andrew, New Lancaster, O 1863 Harrison, David H., Manitoba 1864 Harrison, H. J., Moulinette, O 1833 Harrison, H. J., Moulinette, O 1873 Hannington, E. B. C., Prescott, O 1879 Hannington, E. B. C., Halifax, NS 1885 Haythorne, T. J., B.A., Charlotte-town, P. E I 1886 Heard, C. DeW., Keelby, Eng 1880 Hebert, P. Zotique, Hebertson, Alex. A., Ottawa, O 1870 *Henderson, Alex. A., Ottawa, O 1870 *Henderson, Peter, A.M., Henderson, Andrew, Calgary, N W T 1880 *Henry, Walter J., Henry, Walter J., Henry, Wm. G., Henry, Wm.
*Gauvreau, Lewis H., Gendron, Thomas, Gernon, George W., *Gibb, George D., Gibson, John B., Gibson, Edward B., Gibson, J. B., Gilbert, Henry L., Gillies, John A. F., Gillies, Jo	*Harkin, William, Harkinses, Jno., Diekinson's Corners, O 1862 Harkness, Andrew, New Lancaster, O 1863 Harrison, David H., Manitoba 1864 Harrison, H. J., Moulinette, O 1833 Harrison, H. J., Moulinette, O 1873 Hannington, E. B. C., Prescott, O 1879 Hannington, E. B. C., Halifax, NS 1885 Haythorne, T. J., B.A., Charlotte-town, P. E I 1886 Heard, C. DeW., Keelby, Eng 1880 Hebert, P. Zotique, Hebertson, Alex. A., Ottawa, O 1870 *Henderson, Alex. A., Ottawa, O 1870 *Henderson, Peter, A.M., Henderson, Andrew, Calgary, N W T 1880 *Henry, Walter J., Henry, Walter J., Henry, Wm. G., Henry, Wm.
*Gauvreau, Lewis H., Gendron, Thomas, Gernon, George W., *Gibb, George D., Gibson, John B., Gibson, W. B., Gibson, J. B., Gibson, J. B., Gilbert, Henry L., Gillis, John A. F., Gillies, John, Gilmour, Angus A, *Girowa, Philippe, Girdwood, Gilbert P., Gladman, G. J., Glen, C. W. E., Godfrey, Robert, Godfrey, Robert, Godfrey, Robert, Godforth, Franklin, Gooding, Chs. E., St. Philip Barbadoes, Gordon, C. M.,  St. Raymond, Q. 1886 Burlington, Vt. 184 Cowansville, Q. 1886 Sherbrooke, Q. 1875 Modesca, Cal 1868 Montreal 1869 Lindsay, O. 1886 Chambly, Q. 1886 Chambly, Q	*Harkin, William, Harkinses, Jno., Diekinson's Corners, O 1862 Harkness, Andrew, New Lancaster, O 1863 Harrison, David H., Manitoba 1864 Harrison, H. J., Moulinette, O 1833 Harrison, H. J., Moulinette, O 1873 Hannington, E. B. C., Prescott, O 1879 Hannington, E. B. C., Halifax, NS 1885 Haythorne, T. J., B.A., Charlotte-town, P. E I 1886 Heard, C. DeW., Keelby, Eng 1880 Hebert, P. Zotique, Hebertson, Alex. A., Ottawa, O 1870 *Henderson, Alex. A., Ottawa, O 1870 *Henderson, Peter, A.M., Henderson, Andrew, Calgary, N W T 1880 *Henry, Walter J., Henry, Walter J., Henry, Wm. G., Henry, Wm.
*Gauvreau, Lewis H., Gendron, Thomas, Gernon, George W., *Gibb, George D., Gibson, John B., Gibson, John B., Gibson, Edward B., Gibson, J. B., Gillis, John A. F., Gillis, John A. F., Gillies, John, Gilmour, Angus A, *Girova, Philipee, Girdwood, Gilbert P., Gladman, G. J., Glen, C. W. E., Godfrey, Robert, Goddorth, Franklin, Godoing, Chs. E., St. Philip Barbadoes, Gordon, C. M., Gernon, George W., *Marieville, Q 1872 Summerside, P. E. 1876 Cowansville, Q 1886 Sherbrooke, Q 1875 Sherbrooke, Q 1875 Modesca, Cal 1868 Montreal 1869 Lindsay, O. 1886 Chambly, Q 1838 Chambly,	*Harkin, William, Harkinses, Jno., Diekinson's Corners, O 1862 Harkness, Andrew, New Lancaster, O 1863 Harrison, David H., Manitoba 1864 Harrison, H. J., Moulinette, O 1833 Harrison, H. J., Moulinette, O 1873 Hannington, E. B. C., Prescott, O 1879 Hannington, E. B. C., Halifax, NS 1885 Haythorne, T. J., B.A., Charlotte-town, P. E I 1886 Heard, C. DeW., Keelby, Eng 1880 Hebert, P. Zotique, Hebertson, Alex. A., Ottawa, O 1870 *Henderson, Alex. A., Ottawa, O 1870 *Henderson, Peter, A.M., Henderson, Andrew, Calgary, N W T 1880 *Henry, Walter J., Henry, Walter J., Henry, Wm. G., Henry, Wm.
*Gauvreau, Lewis H., Gendron, Thomas, Gernon, George W., *Gibb, George D., Gibson, John B., Gibson, Edward B., Gibson, J. B., Gilbert, Henry L., Gillis, John A. F., Gillies, John A. F., Gendroux, Philippe, Girdwood, Gilbert P., Gladman, G. J., Gladman,	*Harkins, William, Harkness, Jno., Dickinson's Corners, O 1862 Harkness, Andrew, New Lancaster, O 1869 Harrison, David H., Harrison, H. J., Hannington, E. B. C., Hawkins, A. C., Hayes, James, Haythorne, T. J., B. A., Hebert, P. Zotique, Hebert, P. Zotique, Hebert, P. Zotique, Henderson, Alex. A., Henderson, Peter, A.M., Henderson, Peter, A.M., Hennerson, Alardew, Calgary, N W T 1880 *Henry, Walter [Hon.] *Henry, Walter [Hon.] *Henry, Walter J., Henry, Walter J., Henry, Walter [Hon.] *Herry, Walter [Hon.] *Herry, Walter [Hon.] *Herry, Walter [Hon.] *Helpington, Harry, Hickey, Charles E., Hickey, Samuel A., B.A., Aultsville, O 1874 Higginson, H.A., Winnipee, Man 1887
*Garuoro, Thomas, Gernon, George W., *Gibb, George D., Gibson, John B., Gibson, John B., Gibson, J. B., *Gibson, Edward B., Gillis, John A. F., Summerside, P. E. I. 1876 Gillies, John A. F., Summerside, P. E. I. 1877 Gillies, John A. F., Summerside, P. E. I. 1877 Gillies, John A. F., Summerside, P. E. I. 1877 Gillies, John, Gilmour, Angus A, *Giroux, Philippe, Girdwood, Gilbert P., Gladman, G. J., Glen, C. W. E., Godfrey, Robert, Godfrey, Abraham C., Freemantle, Southampton, Eng. 1865 Gooding, Chs. E., St. Philip Barbadoes, Gordon, C. M., Gordon, Robert, *Gordon, W. W., Graham, Charles E., Hull, Q. 1866 Graham, Charles E., *Hull, Q. 1868 Arlington, Ill 1868 Graham, Charles E., *Hull, Q. 1866 Hull, Q. 1867 Graham, Charles E., *Hull, Q. 1866 Hull, Q. 1867 Graham, Charles E., *Hull, Q. 1868 Hull, Q. 1868 H	*Harkins, William, Harkness, Jno., Dickinson's Corners, O 1862 Harkness, Andrew, New Lancaster, O 1869 Harrison, David H., Harrison, H. J., Hannington, E. B. C., Hawkins, A. C., Hayes, James, Haythorne, T. J., B. A., Hebert, P. Zotique, Hebert, P. Zotique, Hebert, P. Zotique, Henderson, Alex. A., Henderson, Peter, A.M., Henderson, Peter, A.M., Hennerson, Alardew, Calgary, N W T 1880 *Henry, Walter [Hon.] *Henry, Walter [Hon.] *Henry, Walter J., Henry, Walter J., Henry, Walter [Hon.] *Herry, Walter [Hon.] *Herry, Walter [Hon.] *Herry, Walter [Hon.] *Helpington, Harry, Hickey, Charles E., Hickey, Samuel A., B.A., Aultsville, O 1874 Higginson, H.A., Winnipee, Man 1887
*Gauvreau. Lewis H., Gendron, Thomas, Gernon, George W., *Gibb, George D., Gibson, John B., Gibson, W. B., Gibson, J. B., Gibson, J. B., Gillis, John A. F., Gillis, John A. F., Gillies, John A. F., Godwansville, Q 1886 Sherbrooke, Q 1876 Modesca, Cal 1888 Montreal 1849 Indiason, J. 1849 Indiason, J. 1849 Indiason, J. 1849 Indiason, J. 1849 Indiason, V. 1878 Montreal 1849 Indiason, J. 1849 Indiason, J. 1849 Indiason, V. 1878 Indiason, V. 1878 Indiason, V. 1878 Indiason, V. 1878 Indiason, J. 1849 Indiason, V. 1878 I	*Harkins, William, Harkness, Jno., Dickinson's Corners, O 1862 Harkness, Andrew, New Lancaster, O 1868 Harrison, David H., Harrison, H. J., Harrison, H. J., Harrison, H. J., Harrison, H. J., Hannington, E. B. C., Hawkins, A. C., Hayes, James, Haythorne, T. J., B. A., Hebert, P. Zotique, Hebert, P. Zotique, Henderson, Alex, A., Henderson, Peter, A.M., Henderson, Peter, A.M., Henderson, Andrew, Calgary, N W T 1880 *Henry, Walter Hon.] *Henry, Walter Hon.] *Henry, Walter J., Henry, Walter J., Henry, Walter J., Henry, Heyd, H. E., Hickey, Charles E., Hickey, Charles E., Hills, Joseph. Hills, Joseph. Hills, Joseph. Hills, Joseph. Honry Man 1881 Woonsocket, R I 1872 Wonniew Man 1881 Woonsocket, R I 1872 Wonniew Man 1881 Woonsocket, R I 1872 Wonniew Man 1881
*Gauvreau. Lewis H., Gendron, Thomas, Gernon, George W., *Gibb, George D., Gibson, John B., Gibson, W. B., Gibson, J. B., Gibson, J. B., Gillis, John A. F., Gillis, John A. F., Gillies, John A. F., Godwansville, Q 1886 Sherbrooke, Q 1876 Modesca, Cal 1888 Montreal 1849 Indiason, J. 1849 Indiason, J. 1849 Indiason, J. 1849 Indiason, J. 1849 Indiason, V. 1878 Montreal 1849 Indiason, J. 1849 Indiason, J. 1849 Indiason, V. 1878 Indiason, V. 1878 Indiason, V. 1878 Indiason, V. 1878 Indiason, J. 1849 Indiason, V. 1878 I	*Harkins, William, Harkness, Jno., Dickinson's Corners, O 1862 Harkness, Andrew, New Lancaster, O 1868 Harrison, David H., Harrison, H. J., Harrison, H. J., Harrison, H. J., Harrison, H. J., Hannington, E. B. C., Hawkins, A. C., Hayes, James, Haythorne, T. J., B. A., Hebert, P. Zotique, Hebert, P. Zotique, Henderson, Alex, A., Henderson, Peter, A.M., Henderson, Peter, A.M., Henderson, Andrew, Calgary, N W T 1880 *Henry, Walter Hon.] *Henry, Walter Hon.] *Henry, Walter J., Henry, Walter J., Henry, Walter J., Henry, Heyd, H. E., Hickey, Charles E., Hickey, Charles E., Hills, Joseph. Hills, Joseph. Hills, Joseph. Hills, Joseph. Honry Man 1881 Woonsocket, R I 1872 Wonniew Man 1881 Woonsocket, R I 1872 Wonniew Man 1881 Woonsocket, R I 1872 Wonniew Man 1881
*Gauvreau. Lewis H., Gendron, Thomas, Gernon, George W., *Gibb, George D., Gibson, John B., Gibson, W. B., Gibson, J. B., Gibson, J. B., Gillis, John A. F., Gillis, John A. F., Gillies, John A. F., Godwansville, Q 1886 Sherbrooke, Q 1876 Modesca, Cal 1888 Montreal 1849 Indiason, J. 1849 Indiason, J. 1849 Indiason, J. 1849 Indiason, J. 1849 Indiason, V. 1878 Montreal 1849 Indiason, J. 1849 Indiason, J. 1849 Indiason, V. 1878 Indiason, V. 1878 Indiason, V. 1878 Indiason, V. 1878 Indiason, J. 1849 Indiason, V. 1878 I	*Harkins, William, Harkness, Jno., Dickinson's Corners, O 1862 Harkness, Andrew, New Lancaster, O 1868 Harrison, David H., Harrison, H. J., Harrison, H. J., Harrison, H. J., Harrison, H. J., Hannington, E. B. C., Hawkins, A. C., Hayes, James, Haythorne, T. J., B. A., Hebert, P. Zotique, Hebert, P. Zotique, Henderson, Alex, A., Henderson, Peter, A.M., Henderson, Peter, A.M., Henderson, Andrew, Calgary, N W T 1880 *Henry, Walter Hon.] *Henry, Walter Hon.] *Henry, Walter J., Henry, Walter J., Henry, Walter J., Henry, Heyd, H. E., Hickey, Charles E., Hickey, Charles E., Hills, Joseph. Hills, Joseph. Hills, Joseph. Hills, Joseph. Honry Man 1881 Woonsocket, R I 1872 Wonniew Man 1881 Woonsocket, R I 1872 Wonniew Man 1881 Woonsocket, R I 1872 Wonniew Man 1881
*Gauvreau. Lewis H., Gendron, Thomas, Gernon, George W., *Gibb, George D., Gibson, John B., Gibson, W. B., Gibson, J. B., Gibson, J. B., Gillis, John A. F., Gillis, John A. F., Gillies, John A. F., Godwansville, Q 1886 Sherbrooke, Q 1876 Modesca, Cal 1888 Montreal 1849 Indiason, J. 1849 Indiason, J. 1849 Indiason, J. 1849 Indiason, J. 1849 Indiason, V. 1878 Montreal 1849 Indiason, J. 1849 Indiason, J. 1849 Indiason, V. 1878 Indiason, V. 1878 Indiason, V. 1878 Indiason, V. 1878 Indiason, J. 1849 Indiason, V. 1878 I	*Harkins, William, Harkness, Jno., Dickinson's Corners, O 1862 Harkness, Andrew, New Lancaster, O 1868 Harrison, David H., Harrison, H. J., Harrison, H. J., Harrison, H. J., Harrison, H. J., Hannington, E. B. C., Hawkins, A. C., Hayes, James, Haythorne, T. J., B. A., Hebert, P. Zotique, Hebert, P. Zotique, Henderson, Alex, A., Henderson, Peter, A.M., Henderson, Peter, A.M., Henderson, Andrew, Calgary, N W T 1880 *Henry, Walter Hon.] *Henry, Walter Hon.] *Henry, Walter J., Henry, Walter J., Henry, Walter J., Henry, Heyd, H. E., Hickey, Charles E., Hickey, Charles E., Hills, Joseph. Hills, Joseph. Hills, Joseph. Hills, Joseph. Honry Man 1881 Woonsocket, R I 1872 Wonniew Man 1881 Woonsocket, R I 1872 Wonniew Man 1881 Woonsocket, R I 1872 Wonniew Man 1881
*Gauvreau. Lewis H., Gendron, Thomas, Gernon, George W., *Gibb, George D., Gibson, John B., Gibson, W. B., Gibson, J. B., Gibson, J. B., Gillis, John A. F., Gillis, John A. F., Gillies, John A. F., Godwansville, Q 1886 Sherbrooke, Q 1876 Modesca, Cal 1888 Montreal 1849 Indiason, J. 1849 Indiason, J. 1849 Indiason, J. 1849 Indiason, J. 1849 Indiason, V. 1878 Montreal 1849 Indiason, J. 1849 Indiason, J. 1849 Indiason, V. 1878 Indiason, V. 1878 Indiason, V. 1878 Indiason, V. 1878 Indiason, J. 1849 Indiason, V. 1878 I	*Harkins, William, Harkinses, Jno., Diekinson's Corners, O 1862 Harkness, Andrew, New Lancaster, O 1869 Harrison, David H., Manitoba 1864 Harrison, H. J., Moulinette, O 1833 Harrison, H. J., Prescott, O 1879 Hannington, E. B. C., Prescott, O 1879 Hannington, E. B. C., Yale, B C 1875 Hawkins, A. C., Yale, B C 1875 Halifax, NS 1885 Simcoe, O 1869 Halifax, NS 1885 Charlotte-town, P E I 1886 Keelby, Eng 1880 Whitehall, N Y 1873 *Henderson, Alex. A., Ottawa, O 1874 *Henderson, Peter, A.M., Henderson, Peter, A.M., Hennerson, Andrew, Calgary, N W T 1880 *Henry, Walter Hon.] *Henry, Walter Hon.] *Henry, Walter J., Henry, W. G., Henry, W. G., Henry, W. G., Henry, W. G., Henry, H. E., Hickey, Charles E., Hickey, Charles E., Hickey, Charles E., Hickey, Samuel A., B.A., Aultsville, O 1874 Hills, Joseph, Hills, Joseph, Hills, Joseph, Hills, Joseph, Hills, Joseph, Hills, Hockridge, Thos. G., London, Eng 1874

*Holmes, Andrew F., [a Hopkins, Alfred J., Houston, D. W.,	ad eun],	1843
Hopkins, Alfred J.,	Cookshire, Q Cohoes, N Y Lachine, Q	1883
Howard James	Cohoes, N Y	1881
Howard, Robert,	St. Johns O	1879
Houston, D. W., Howard, James, Howard, Robert, Howard, R. Palmer, Howard, R. J. B., B., Howden, Kobert T., Howley, W. H., Howitt, Wm. H., Howland, Francis L., Hughes, P. H., Hume, William L., *Hunt, J. J., Hunt, Henry, Hunt, J. H., Surg, M.	Montreal Montreal Winnipeg, Man Detroit, Mich Toronto, O	1867 1872 1848
Howard, R. J. B., B.	A. Montreal	1882 1857
Howley, W. H.	Winnipeg, Man	1857
Howitt, Wm. H.,	Toronto. O	1878
Howland, Francis L.,	Huntsville, O	1870 1867 1886
Hurlbert E Augustus	Strathroy, O	1886
Hume, William L.	Leeds O	1860
*Hunt, J. J.,	noous, &	1875 1881
Hunt, Henry,	Villiamstown, O Maj. Army, Med Dept.	1876
Hunt, J.H., Surg. M	daj. Army. Med	1869
Hunt, Lewis G., B.A., †Hurd, Ed. P., New Hurdman, Benj. F. W. Hurdman, H. T Hurlburt, George W., Hurlburt, Richard W., Hutchinson, Jonn A., Hutchinson, Jas. A.,	Sheffield, Eng	1871
†Hurd, Ed. P., Nev	vburyport, Mass	1865
Hurdman, Benj. F. W.	, Inverness, Q	1882 1885
Hurlburt, George W.	Thornbury O	1859
Hurlburt, Richard W.,	Mitchell, O	1873
Hutchison, John A., Hutchison, Jas. A.,	Brussels, O	1878
	OHEL CHE	TOOT
Imrie, A. W., Inksetter, D. G., Irvine, James C., Irvine, R. T., Irwin, J. L., 205 E O Ives, Eli,	Detroit, Mich	1879
Inksetter, D. G.,	_ Costa Rica	1880
Irvine, James C.,	Liverpool, Eng	1866
Irwin, J. L., 205 E.O.	hio St Chicago	1885 1879
Ives, Eli,	Coaticooke, Q.	1863
*Jackson, A. T., Jackson, Wm. Fred., Jackson, Joseph A., M *Jamieson, Alex., B.A., Jamieson, Alex., B.A., Jamieson, Chas. J., Johnson, C. H., Johnson, J. C., Johnson, J. C., Solonson, J. R., Sprin Johnson, J. R., Sprin Johnson, M. G., Johnson, J. C., Solonson, J. C., Solonson, J. C., Solonson, J. C., Johnson, J. C., Solonson, J. C., Johnson, J. C., Jones, Charles R., Jones, Corge N., B., Jones, Jonathan C., Jones Wm. Justus, Jones, A. J. M., Josephs, G. E., Kearney W. J. Marie		
Jackson, A. T., Jackson Wm Fred	Progleville O	1846 1873
Jackson, Joseph A., M	anchester, N H	1879
*Jamieson, Alex., B.A.,		1877 1875
Jamieson, Thomas A.,	Vinning Man	1875
Johnson, C. H.	Austin Minn	1879 1884
Johnson, H. D., Charle	ottetown, PEI	1885
Johnson, James B.,	London, Eng.	1876
Johnson, J. C., Si	arg. Maj. Army	1867 1883
Johnston, Thomas G.	Sarnia, O	1871
Johnston, W. G.,	Montreal	1884
Jones, Charles R	Hatley, Q	1874
*Jones, Thomas W. [a	d cunl	1874 1854
*Jones, Jonathan C.,	a canj	1865
Jones Wm. Justus,	Prescott, 0	1856
Josephs G E	Sh Av., Chicago	1873 1881
- Cosephs, G. 12.,	remoroke, O	1001
Kearney, W. J., Marin Keefer, Wm. N., B. A.,	osa, California	1875
Reefer, Wm. N., B. A.,	Surg. Maj.	1869
*Keeler, Thomas.	Bengal Army	1859
†Kelly, Clinton Wayne,	Louisville, Ky	1867
Kelly, Patrick N., Ro	ochester, Minn	1884
tKelly, Thos	Durham O	1846 1873
Kempt, William,	Lindsay, O	1864
Kennedy, Richard A.,	Montreal	1864
*Keeler, Thomas, †Kelly, Clinton Wayne, Kelly, Patrick N., Ro *Kelly, Wm., †Kelly, Thos., †Kempt, William, Kennedy, Richard A., Kennedy, R. A., B. A.,	Cumming's	1886
#IZ ann T		1858
Killery, St. John, King, Wm. M. H., King, Reginald, A. D., King, Richard, Kinloch, J. A., *Kirkpatrick	rg. Maj. Army	1862
King, Wm. M. H., S	t. Sylvestre, Q	1859
King, Richard, A. D.,	Peterboro Q	1868 1867
Kinloch, J. A.,	Montreal, Q	1886
Kirkpatrick, A.,	, 6	1856
*Kittson John C., B.A	., Montreal, Q	1886 1869
Kittson, Edmund G.	Windsor	1873
Kinloch, J. A.,  *Kirkpatrick, A.,  *Kirkpatrick, R. C., B.A  *Kittson, John G.  Kittson, Edmund G.,  Klock, Robert H.,	Bryson, Q.	1882

Klock, W. H.,  *Knowles, James A.,  *Kollmyer, Alex. H.,	. 0	1885
*Knowles, James A.,	, 0	1866
Rollinger, Alex. H.,		1856
Laberge, Ed., Landor, Thomas H., Landor, Thomas H., Lang, C. L , Lang, C. L , Lang, W. A., Langlois, O. X., Langrell, Richard T., Larocque, A. B., Lathern, J. S., Lathern, J. S., Laurin, Edgar J., Law, D. W. C., Law, William K., †Lawford, John B., Landon, E	. 0	1856
Landor, Thomas H., C. P. R'y.	,0	1884
Lang, C. L. Kalamazoo M.	inh	1877 1876
Lang, W. A., New Richland, Mi	nn	1881
*Lang, Thomas D.,		1866
*Langrell Richard T	,0	1875
Larocque, A. B., Montr	001	1875 1847
Lathern, J. S., Halifax, N	VS:	1883
Laurin, Edgar J., Deer Lodge, M.	on I	1881
Law, William K. Coleraine I	, 0	1863 1877 1879
Law, William K., †Lawford, John B., *Lawrence, Henry J. H., Leavitt, Julius, Leclere, George, Leclair, Napoleon, Lee, James C.  **Lawrence, Henry J. H., Melbourne Montre Lancaster Lacester	ng	1879
*Lawrence, Henry J. H.,		1862
Leavitt, Julius, Melbourne	, Q	1866
Leclair, Napoleon, Lancaster		1851
Lee, James C.,	, ,	1858
Lefebyre John M	]	1849
Legault, D., Salaberry de Valleyfield	CI	1879 1866
Lemoine, C., St. Pierre, Isle d'Orlea	ns 1	850
Leclair, Napoleon, Lee, James C.,  *Lee, John Rolph, Lefebvre, John M., Legault, D., Salaberry de Valleyfield Lemoine, C., St. Pierre, Isle d'Orlea Lepailleur, Leonard, Lepzihon, John L., Levi, Reuben, Lindsay, Heriot,  St. Johns,  Montre New York, U. St. Johns,	j	1848
Leprohon, John L., Levi, Reuben, Lindsay, Heriot, *Liston Lerot, *Liston Lerot,	eal 1	843
Lindsay, Heriot, St. Johns.	0 1	870 861
*Lister, James,	1	862
*Locke C F A	1	879
*Logan, David D		872 842
Logan, Robert, Iona, Mi	ch 1	880
Levi, Keuben, Lindsay, Heriot, *Lister, James, *Lloyd, H. W., *Locke, C. F. A., *Logan, Pavid D., Logan, Robert, *Logan, William, *Long, Alexander, Longley, Edmund	1	833
Longley, Edmund,	1	844 866
Longpre, Edmund, Longpre, Pierre F., Loring, J. Brown, Louptet, Andre, Loux, William, Lovett, William, Lucas, T. D'Arcy, Lunam, H., B.A., Lundy, E. L., Lyford, Chas. C., Lyfo	ec. 1	848
Loring, J. Brown,	1	883
Loux, William Puscell	0 1	850
Loux, William, Russell, *Loverin, Nelson,	1	870 855
Lovett, William, Ayr,	0 1	876
Lunam H R A Comphelitor N	DI	869
Lunam, H., B.A., Campbellton, N Lundy, E. L., Surg. Maj. Arn	D L	881 862
Lyford, Chas. C., Minneapolis, Min Lyon, Arthur, Shawville,	in I	879
Lyon, Arthur, Shawville,	Q 18	861
*MacDonald, R. T. E., MacDonald, R. T. E., MacDonald, R. T. E., MacDonald, R. Oderick Æneas, Stoney Mountain, MacDonald, Ænes, Stoney Mountain, MacDonald, R. T. E., MacDonald, R. T. B. A. Witten	11 1	880
*MacDiarmid, John D.,	1	847
MacDonald, Angus, St. Paul, Mir	in 18	863
MacDonald, R. T. E., Sutton	0 18	853 881
MacDonald, Roderick Æneas,	Ø 10	
Stoney Mountain, Ma	n 18	374
MacDonnell, R. L. B A Montro	a 18	849 876
MacFarlane, Wm., Almonte.	0 18	869
Macfie, James, Fort Covington, N	Y 18	369
MacIntosh, Robert, Rapid City, N W	T 18	863
*Mackie, J. R.,	18	865
*Macklem, Samuel S.,	18	359
Maclean, Archibald, Sarnia,	0 18	367
Macneil, Alex. Kensington P.E.	T 18	883
McArthur, Robert D., Chicago, I	11 18	367
McArthur, John A., Port Elgin,	0 18	379
McBain, John. Martintown	g 18	885
MacCallum, Duncan C., Montres	1 18	50
McCann, J. J., B.A., Hopkinton, Mas	s 18	78
McClure W B A Chicago, I	1 18	67
MacDonall, Rouerick Aneas, MacDonnell, Ænas, MacDonnell, R. L., B.A., Montre MacFarlane, Wm., Macfie, James, Macfie, James, MacIntosh, Robert, Rapid City, N W Mack, Francis Lewis, Amherstburg, Macklem, Samuel S., Maclean, Archibald, Macland, Sarnia, Macnabb, Francis A. L., Macnabb, Francis A. L., Macneil, Alex., Macneil, Alex., Machathur, Robert D., McArthur, J., McArthur, J., McArthur, J., McArthur, J., McCarthy, J., McCarthy, W., McCarthy, W., McClure, W., B.A., McCollum, E. P., McCollum, E. P., Montree McCollum, E. P., McCollum, E. P., McCollum, E. P., Montree McCollum, E. P., McCollum, E. P., Montree McCollum, E. P., Montree McCollum, E. P., McCollum, E. P., McCollum, E. P., Montree McCollum, E. P., Montree McCollum, E. P., McCollum, E. P.	18	86
, 2. 2., Duale,	-	

*McConkey T. C., 1872	McNeece, James, Montreal 1869 McNeil, Ernest, Vernon River, PEI 1870
McConnell John B Montreal 1873	McNeil, Ernest, Wernon River, P E I 1870 McNulty, M., Brashers Falls, N Y 1880
*McCord John D 1864	McNulty, M., Brashers Falls, NY 1880
McCormick, N., Pembroke, 0 1882 McCormick, N., Pembroke, 0 1885 McCormick, Andrew G., Richmond, Q 1874	McQuillen, James, Marquette, Mich 1874
McCorkill, K. K. C., East Farmain, & 1885	*McRae, George, 1876
McCormack, N., Pembroke, O 1000	McTaggart, Alexander, London, 0 1860
	*McNean, John M., 1865
McCrimmon, Donald A., Lucknow, O 1899 McCrimmon, John, Kincardine, O 1878 McCrimmon, Milton, Palermo, O 1878 McCuaig, W. J., San Francisco, Cal 1886 McCullough, George, St. Mary's, O 1879 *McCullongh, Michael, (Hon.) 1843	*McNean, John M., 1865
McCrimmon, John, Kincardine, O 1878	Madill, John, Amston, O 1007
McCrimmon, Milton, Palermo, O 1878	Maher, J. J. E., New York 1883
McCuaig W J San Francisco, Cal 1886	Major George W., B.A., Montreal 1871
McCullough George St Mary's, 0 1879	Malcolm, John Rolph, Scotland, U 1801
*McCullongh Michael (Hon.) 1843	*Malhiot, Alfred, 1846
*McCullongh, Michael, (Hon.) 1843 McCully, Oscar J. M. A., Baie Verte, 1870	Malloch, Edward C., Ottawa, 0 1863
McCully, Oscar J. M. A., Bale verte, N B 1879	*Malloch, William B., 1867
	Malloch, Edward C., Warkworth, 0 187; Mallory, Albert E., Marceau, Louis T., Napierville, Q 1872 Markell, Richard S., Cloverdale, Cal 1867; *Marr, Israel P., Marston, Alonzo W., Marston, John J., U. S. Army 1863
McCurdy, John, Chatham, N B 1866	Mallory, Albert E., Walkworth, 0 1872
McGurdy, John, McDermid, Wm. E., McDiarmid, Donald, McDiarmid, James, McDonald, Alex., McDonald, H. J., McDonald, H. J., McDonald, H. J., McDonald, McDiarmid, McDiarmid, O McDiarmid, McDiarmid, N McDiarmid, Donald, N McDiarmid, Donald, N McDiarmid, D McDiarm	Marceau, Louis T., Napierville, Q 1872 Markell, Richard S., Cloverdale, Cal 1867
McDiarmid, Donald, Athol, O 1867	Markell, Richard S., Cloverdale, Cal 1001
McDiarmid, James, Hensall, O 1873	*Marr, Israel P., 1849
McDonald, Alex., McDonald, H. J., †McDonald, John A., McDonald, Jos. D. A., McDonald, K. C., *McDonald, Roderick, McDonald, Roderick, McDonald, Alex. B.  Boyd, Wis 1882	Marr, Walter H., Marston, Alonzo W., Marston, John J., Marston, John J., Martel, Ovide, Montreal 1883
McDonald H I Alexandria 0	Marston, Alonzo W., Hull, Q 1871
+McDonald, John A., Montreal 1880	Marston, John J., U.S. Army 1863
McDonald, Jos. D. A., Acton Vale. Q 1873	Martel, Ovide, Montreal 1883
McDonald, Jos. D. A., Acton vale, & 1880	Mason, J. L., M.A., Brailsford, Derby,
McDonald, K. C., Spencer, Iowa 1880	
*McDonald, Roderick, 1834	Mattice, Rich. J., Omaha, U.S 1875 †Mathieson, John H., St. Mary's, 0 1871
McDonald, Alex. R., Boyd, Wis 1882 McDonnell, Alex. R., Alexandria, O 1874	Mattice, Rich. J., Ullana, U.S. 1871
McDonnell, Alex. R., Alexandria, 0 1874	Mathieson, John H., St. Mary S, U 1071
McDonnell, Angus C Montreal 1852	*Mathieson, Nell,
McDonnell, Angus C. Montreal 1852 McDougall, Peter A., Ottawa, O 1864 McDacougall, Peter A., Winnipeg, Maria 1880 McEachran, W., Winnipeg, Maria 1880 McCachran, W., Carlton Place, O 1870	Mayrand, William, St. Andrews, Q 1841
*McDougall, Peter A., 1847	Meahan, J. C., Bathurst, N B 1884
McEachran, W., Winnipeg, Man 1880	Meane, John, Staff Surg. Maj. Army 1869
McEwan, Findlay, Carlton Place, O 1870	Meek Jas. A., 20 W 25th St., N York 1875
McEwan, Findlay, Carlton Place, 0 1870	*Maigs Malcolm R. 1865
McGannon, E. A., Brockvine, O 1000	Manuag John R Et Gratiot Mich 1879
McGannon, M. C., Lowell, Mass 1991	*Menzies, John D., To diadio, 22101 1842
McGannon, T. G., Prescott, U 1880	Mattice, Rich. J., †Mathieson, John H., *Mathieson, Neil, Mayrand, William, Meahan, J. C., Meane, John, Staff Surg. Maj. Army 1868 Meek, Jas. A., 20 W 25th St., N York *Meigs. Malcolm R., *Merzdies, John B., *Merzdiet, John B., *Merzdiet, Thomas L. B., *Merdith, Thomas L. B., *Merdith, D. P. B., *Fitzroy Harbor, 0 1884
McGarry, James, Drummondville, 0 1857	Merritt. D. I., D.A., Fitalog Harbor,
McGeachy, William, Iona, O 1867	Metcalfe, Henry J.,
McGannon, E. A., McGannon, M. C., McGannon, T. G., McGannon, T. G., McGarry, James, McGeachy, William, McGill, William, McGilliyray, Donald, McGwar, Findiay, Earth Take, 0 1887 Lowell, Mass 1881 Prescott, 0 1886 Prescott, 0 1886 Isolatory, James, Drummondville, 0 1857 McGeachy, William, McGilliyray, Donald, 1861	Mewburn, F. H., Galt Mines, N. W. 1 1001
	Mignault, Henri A., St. Denis, Q 1000
McGowan, Henry W., Beebe Plain, Q 1867	Mignault, L. D., B.A., Montreal 1880
McGowan, Henry W., Beebe Plain, Q 1867 McGrath, Thomas,	*Meigs, Malcolm R., Menzies, John B., Ft. Gratiot, Mich 1879 Meredith, Thomas L. B., Meredith, Thomas L. B., Merritt. D. P., B.A., Fitzroy Harbor, O 1884 Metcalfe, Henry J., Thurso, Q 1876 Mewburn, F. H., Galt Mines, N. W. T 1881 Mignault, Henri A., Mignault, L. D., B. A., Montreal 1880 Miller, R., Surg. N.W. Mounted Police, Battleford, N.W. T 1870 Mills, Thos. W., M.A., Montreal 1878
*McGregor Duncan. 1861	Battleford, N W T 1870
McGuigan, W. J., London, O 1879	Mills, Thos. W., M.A., Montreal 1878
*McGnire Bernard D. 1873	Miner, Frank L., Abercorn, Q 1877
McGuire, Bernard D.,	Willer, Frank II.,
	*Mines William W
McIlmoyl, Henry A., Clayton, N Y 1876	
*McGregor. Dunean, McGuigan, W. J., *McGuire, Bernard D., McIlmoyl, Henry A., McInerney, James P., Kingston, N B 1884	*Mines, William W., Mitchell, Fred. H., London, 0 1878
McInerney, James I., Kingston, K b 1004	*Mines, William W., Mitchell, Fred. H., Moffatt, John E., Staff Surg. Army 1861
McInerney, James I., Kingston, K b 1004	Mitchell, Fred. H., Moffatt, John E., Staff Surg. Army 1861
McInerney, James I., Kingston, K b 1004	Mitchell, Fred. H., Moffatt, John E., Staff Surg. Army 1861
McInerney, James I., Kingston, K b 1004	Mitchell, Fred. H., Moffatt, John E., Staff Surg. Army 1861
McInerney, James I., Kingston, K b 1004	Moffatt, John E., Moffatt, Walter, Moson, Wm. A., Mongenais, Napoleon, Monk, George H., Mothell, Fred. H., Staff Surg. Army 1861 Pensacola, Fla 1852 Monker George H., Monk George H., Dillonton, O. 1875
McInerney, James I., Kingston, K b 1004	Mitchell, Fred. H., Moffatt, John E., Moffatt, Walter, Moison, Wm A., Mongenais, Napoleon, Monk, George H., Moore, Charles S., London, 0 1874
McInerney, James I., Kingston, K b 1004	Moffatt, John E., Staff Surg. Army 1861 Moffatt, Walter, Moison, Wm. A., Mongenais, Napoleon, Monk, George H., Moore, Charles S., London, O 1874 Moore, Lehiel T., Tilsonburg, O 1874
McInerney, James I., Kingston, K b 1004	Moffatt, John E., Staff Surg. Army 1861 Moffatt, Walter, Moison, Wm. A., Mongenais, Napoleon, Monk, George H., Moore, Charles S., London, O 1874 Moore, Lehiel T., Tilsonburg, O 1874
McIners, Valler J., Victoria, 0 1865 McIntyre, James, Vankleek Hill, 0 1870 McIntyre, James, Vankleek Hill, 0 1870 McIntyre, Peter A., Souris, P E I 1867 McKelcan, George Lloyd, Hamilton, 0 1860 McKenzie, J. T., Plainfield, 0 1884 McKenzie, B. E., B.A., Kingston Road Toronto, 0 1880	Moffatt, John E., Staff Surg. Army 1861 Moffatt, Walter, Moison, Wm. A., Mongenais, Napoleon, Monk, George H., Moore, Charles S., London, O 1874 Moore, Lehiel T., Tilsonburg, O 1874
McIners, Valter J., Victoria, 0 1865 McIntyre, James. Vankleek Hill, 0 1870 McIntyre, Jonald, J., Vankleek Hill, 0 1870 McIntyre, Peter A., Souris, P E I 1867 McKelcan, George Lloyd, Hamilton, 0 1860 McKenzie, J. T., Plainfield, 0 1884 McKenzie, B. E., B.A., Kingston Road Toronto, 0 1880 McKenzie, K. A. J., Portland, Oregon 1881	Moffatt, John E., Staff Surg. Army 1861 Moffatt, Walter, Moison, Wm. A., Mongenais, Napoleon, Monk, George H., Moore, Charles S., London, O 1874 Moore, Lehiel T., Tilsonburg, O 1874
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McIneris, James . , Kingston, K. p. 1885 McIntyre, James . , Vankleek Hill, 0 1885 McIntyre, James . , Vankleek Hill, 0 1870 McIntyre, Peter A . , Souris, P E I 1867 McKelcan, George Lloyd, Hamilton. 0 1860 McKenzie, J. T. , Plainfield, 0 1884 McKenzie, B. E., B.A. , Kingston Road Toronto, 0 1880 McKenzie, K. A. J. , Portland, Oregon 1881 McKenzie, K. A. J. , Woodwille, 0 1889	Mitchell, Fred. H., Moffatt, John E., Moffatt, Walter, Moffatt, Walter, Moffatt, Walter, Mosen, William, More, Jehiel T., Moore, Joseph, Moore, Richard, Moore, Richard, Moore, Richard, Moore, Robert C., Moore, William, More, Josh, (Hon.)
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McIners, Valter J., Victoria, O 1865 McIntyre, James, Vankleek Hill, O 1870 McIntyre, James, Vankleek Hill, O 1870 McIntyre, Peter A., Souris, P E I 1867 McKelcan, George Lloyd, Hamilton, O 1860 McKenzie, J. T., Plainfield, O 1884 McKenzie, B. E., B.A., Kingston Road Toronto, O 1880 McKenzie, K. A. J., Portland, Oregon 1881 McKay, John, Woodville, O 1869 McKay, John, Woodville, O 1880 McKay, John, Wodville, O 1880 McKing, John K., Bristol, Q 1878 McKinley, John K., Bristol, Q 1878 McLaren, Peter, Brudenell, P E I 1889	Mitchell, Fred. H., Moffatt, John E., Moffatt, Walter, Molson, Wm. A., Mongenais, Napoleon, Monk, George H., Moore, Charles S., Moore, Joseph, Moore, Joseph, Moore, Richard, Moore, Richard, Moore, Robert C., Moore, William, *Morin, Josh, (Hon.) *Morrison, David R., Morrison, J., M. A., Waddington, NY 1872 Morrison, J., M. A., Waddington, NY 1889
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McIners, Valter J., Wictoria, O 1865 McIntyre, James. Vankleek Hill, O 1870 McIntosh, Donald, J., Vankleek Hill, O 1870 McIntyre, Peter A., Souris, P E I 1867 McKelcan, George Lloyd, Hamilton, O 1860 McKenzie, J. T., Plainfield, O 1884 McKenzie, B. E., B.A., Kingston Road Toronto, O 1880 McKenzie, K. A. J., Portland, Oregon 1881 McKay, John, Woodville, O 1880 McKay, John, Woodville, O 1880 McKay, John K., Bristol, Q 1878 McLaren, Peter, Brudenell, P E I 1869 McLaren, Peter, Paisley, O 1861 McLaren, Peter, Ormstown, Q 1872 McLaren, D. C., B.A., Galt, O 1880 McLean, Alexander, Galt, O 1880 McLean, Thos. N., Fergus Falls, Minn 1882 McLean, Thos. N., Fergus Falls, Minn 1882 McLean, I M. R. A.	Mitchell, Fred. H., Moffatt, John E., Moffatt, Walter, Moffatt, Walter, Moffatt, Walter, Mosson, Wm A., Mongenais, Napoleon, Monk, George H., Moore, Charles S., Moore, Jehiel T., Moore, Jehiel T., Moore, Richard, Moore, Richard, Moore, Richard, Moore, Richard, Moore, William, *Morin, Josh, (Hon.) *Morrison, David R., Morrison, David R., Mourison, David R., Mount, John W., Mount, John W., Mount, John W., Murray, D., Murray, D., Murray, D., Murray, D., Murray, D., Murray, U., Murray, D., Mursgrove, W. J., Winchester 0 1882
McIners, Valter J., Wictoria, O 1865 McIntyre, James. Vankleek Hill, O 1870 McIntosh, Donald, J., Vankleek Hill, O 1870 McIntyre, Peter A., Souris, P E I 1867 McKelcan, George Lloyd, Hamilton, O 1860 McKenzie, J. T., Plainfield, O 1884 McKenzie, B. E., B.A., Kingston Road Toronto, O 1880 McKenzie, K. A. J., Portland, Oregon 1881 McKay, John, Woodville, O 1880 McKay, John, Woodville, O 1880 McKay, John K., Bristol, Q 1878 McLaren, Peter, Brudenell, P E I 1869 McLaren, Peter, Paisley, O 1861 McLaren, Peter, Ormstown, Q 1872 McLaren, D. C., B.A., Galt, O 1880 McLean, Alexander, Galt, O 1880 McLean, Thos. N., Fergus Falls, Minn 1882 McLean, Thos. N., Fergus Falls, Minn 1882 McLean, I M. R. A.	Mitchell, Fred. H., Moffatt, John E., Moffatt, Walter, Moffatt, Walter, Moffatt, Walter, Mosson, Wm A., Mongenais, Napoleon, Monk, George H., Moore, Charles S., Moore, Jehiel T., Moore, Jehiel T., Moore, Richard, Moore, Richard, Moore, Richard, Moore, Richard, Moore, William, *Morin, Josh, (Hon.) *Morrison, David R., Morrison, David R., Mourison, David R., Mount, John W., Mount, John W., Mount, John W., Murray, D., Murray, D., Murray, D., Murray, D., Murray, D., Murray, U., Murray, D., Mursgrove, W. J., Winchester 0 1882
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McIners, Valter J., Wictoria, O 1865 McIntyre, James. Vankleek Hill, O 1870 McIntosh, Donald, J., Vankleek Hill, O 1870 McIntyre, Peter A., Souris, P E I 1867 McKelcan, George Lloyd, Hamilton, O 1860 McKenzie, J. T., Plainfield, O 1884 McKenzie, B. E., B.A., Kingston Road Toronto, O 1880 McKenzie, K. A. J., Portland, Oregon 1881 McKay, John, Woodville, O 1880 McKay, John, Woodville, O 1880 McKay, John K., Bristol, Q 1878 McLaren, Peter, Brudenell, P E I 1869 McLaren, Peter, Paisley, O 1861 McLaren, Peter, Ormstown, Q 1872 McLaren, D. C., B.A., Galt, O 1880 McLean, Alexander, Galt, O 1880 McLean, Thos. N., Fergus Falls, Minn 1882 McLean, Thos. N., Fergus Falls, Minn 1882 McLean, I M. R. A.	Mitchell, Fred. H., Moffatt, John E., Moffatt, Walter, Moffatt, Walter, Molson, Wm. A., Mongenais, Napoleon, Monk, George H., Moore, Charles S., Moore, Joseph, Moore, Joseph, Moore, Richard, Moore, Richard, Moore, Richard, Moore, William, *Morin, Josh, (Hon.) *Morrison, David R., Morrison, David R., Mount, John W., Mount, John W., Mount, John W., Murray, D., Murray, D., Musgrove, W. J., Nellson, J. M., Nounnie, Marchael States Winnipeg, Man 1878 Canton, Ill 1879 Canton, Ol 1874 Canton, Ol 1874 Rigaud, Q 1865 Dillonton, Q 1874 Rigaud, Q 1865 Pillonton, Q 187
McIners, Valter J., Wictoria, O 1865 McIntyre, James. Vankleek Hill, O 1870 McIntosh, Donald, J., Vankleek Hill, O 1870 McIntyre, Peter A., Souris, P E I 1867 McKelcan, George Lloyd, Hamilton, O 1860 McKenzie, J. T., Plainfield, O 1884 McKenzie, B. E., B.A., Kingston Road Toronto, O 1880 McKenzie, K. A. J., Portland, Oregon 1881 McKay, John, Woodville, O 1880 McKay, John, Woodville, O 1880 McKay, John K., Bristol, Q 1878 McLaren, Peter, Brudenell, P E I 1869 McLaren, Peter, Paisley, O 1861 McLaren, Peter, Ormstown, Q 1872 McLaren, D. C., B.A., Galt, O 1880 McLean, Alexander, Galt, O 1880 McLean, Thos. N., Fergus Falls, Minn 1882 McLean, Thos. N., Fergus Falls, Minn 1882 McLean, I M. R. A.	Mitchell, Fred. H., Moffatt, John E., Moffatt, Walter, Moffatt, Walter, Molson, Wm. A., Mongenais, Napoleon, Monk, George H., Moore, Charles S., Moore, Joseph, Moore, Joseph, Moore, Richard, Moore, Richard, Moore, Richard, Moore, William, *Morin, Josh, (Hon.) *Morrison, David R., Morrison, David R., Mount, John W., Mount, John W., Mount, John W., Murray, D., Murray, D., Musgrove, W. J., Nellson, J. M., Nounnie, Marchael States Winnipeg, Man 1878 Canton, Ill 1879 Canton, Ol 1874 Canton, Ol 1874 Rigaud, Q 1865 Dillonton, Q 1874 Rigaud, Q 1865 Pillonton, Q 187
McIners, Valter J., Wictoria, O 1865 McIntyre, James. Vankleek Hill, O 1870 McIntosh, Donald, J., Vankleek Hill, O 1870 McIntyre, Peter A., Souris, P E I 1867 McKelcan, George Lloyd, Hamilton, O 1860 McKenzie, J. T., Plainfield, O 1884 McKenzie, B. E., B.A., Kingston Road Toronto, O 1880 McKenzie, K. A. J., Portland, Oregon 1881 McKay, John, Woodville, O 1880 McKay, John, Woodville, O 1880 McKay, John K., Bristol, Q 1878 McLaren, Peter, Brudenell, P E I 1869 McLaren, Peter, Paisley, O 1861 McLaren, Peter, Ormstown, Q 1872 McLaren, D. C., B.A., Galt, O 1880 McLean, Alexander, Galt, O 1880 McLean, Thos. N., Fergus Falls, Minn 1882 McLean, Thos. N., Fergus Falls, Minn 1882 McLean, I M. R. A.	Mitchell, Fred. H., Moffatt, John E., Moffatt, Walter, Moffatt, Walter, Molson, Wm. A., Mongenais, Napoleon, Monk, George H., Moore, Charles S., Moore, Joseph, Moore, Joseph, Moore, Richard, Moore, Richard, Moore, Richard, Moore, William, *Morin, Josh, (Hon.) *Morrison, David R., Morrison, David R., Mount, John W., Mount, John W., Mount, John W., Murray, D., Murray, D., Musgrove, W. J., Nellson, J. M., Nounnie, Marchael States Winnipeg, Man 1878 Canton, Ill 1879 Canton, Ol 1874 Canton, Ol 1874 Rigaud, Q 1865 Dillonton, Q 1874 Rigaud, Q 1865 Pillonton, Q 187
McIners, Valter J., Wictoria, O 1865 McIntyre, James. Vankleek Hill, O 1870 McIntosh, Donald, J., Vankleek Hill, O 1870 McIntyre, Peter A., Souris, P E I 1867 McKelcan, George Lloyd, Hamilton, O 1860 McKenzie, J. T., Plainfield, O 1884 McKenzie, B. E., B.A., Kingston Road Toronto, O 1880 McKenzie, K. A. J., Portland, Oregon 1881 McKay, John, Woodville, O 1880 McKay, John, Woodville, O 1880 McKay, John K., Bristol, Q 1878 McLaren, Peter, Brudenell, P E I 1869 McLaren, Peter, Paisley, O 1861 McLaren, Peter, Ormstown, Q 1872 McLaren, D. C., B.A., Galt, O 1880 McLean, Alexander, Galt, O 1880 McLean, Thos. N., Fergus Falls, Minn 1882 McLean, Thos. N., Fergus Falls, Minn 1882 McLean, I M. R. A.	Mitchell, Fred. H., Moffatt, John E., Moffatt, Walter, Moffatt, Walter, Molson, Wm. A., Mongenais, Napoleon, Monk, George H., Moore, Charles S., Moore, Joseph, Moore, Joseph, Moore, Richard, Moore, Richard, Moore, Richard, Moore, William, *Morin, Josh, (Hon.) *Morrison, David R., Morrison, David R., Mount, John W., Mount, John W., Mount, John W., Murray, D., Murray, D., Musgrove, W. J., Nellson, J. M., Nounnie, Marchael States Winnipeg, Man 1878 Canton, Ill 1879 Canton, Ol 1874 Canton, Ol 1874 Rigaud, Q 1865 Dillonton, Q 1874 Rigaud, Q 1865 Pillonton, Q 187
McIners, Valter J., Wictoria, O 1865 McIntyre, James. Vankleek Hill, O 1870 McIntosh, Donald, J., Vankleek Hill, O 1870 McIntyre, Peter A., Souris, P E I 1867 McKelcan, George Lloyd, Hamilton, O 1860 McKenzie, J. T., Plainfield, O 1884 McKenzie, B. E., B.A., Kingston Road Toronto, O 1880 McKenzie, K. A. J., Portland, Oregon 1881 McKay, John, Woodville, O 1880 McKay, John, Woodville, O 1880 McKay, John K., Bristol, Q 1878 McLaren, Peter, Brudenell, P E I 1869 McLaren, Peter, Paisley, O 1861 McLaren, Peter, Ormstown, Q 1872 McLaren, D. C., B.A., Galt, O 1880 McLean, Alexander, Galt, O 1880 McLean, Thos. N., Fergus Falls, Minn 1882 McLean, Thos. N., Fergus Falls, Minn 1882 McLean, I M. R. A.	Mitchell, Fred. H., Moffatt, John E., Moffatt, Walter, Moffatt, Walter, Molson, Wm. A., Mongenais, Napoleon, Monk, George H., Moore, Charles S., Moore, Joseph, Moore, Joseph, Moore, Richard, Moore, Richard, Moore, Richard, Moore, William, *Morin, Josh, (Hon.) *Morrison, David R., Morrison, David R., Mount, John W., Mount, John W., Mount, John W., Murray, D., Murray, D., Musgrove, W. J., Nellson, J. M., Nounnie, Marchael States Winnipeg, Man 1878 Canton, Ill 1879 Canton, Ol 1874 Canton, Ol 1874 Rigaud, Q 1865 Dillonton, Q 1874 Rigaud, Q 1865 Pillonton, Q 187
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Oakley, Wm. D., O'Brien, Thos. B. P., Srg. Maj. Army 186; O'Brien, Robert S., O'Brien, David, Nanaimo, B C 187; O'Brien, David	
O'Brien, Thos. B. P. Srg Mai Appro 1996	*Quesnel, Jules M.,
O'Brien, Robert S. Nanaimo P. C. 1976	1019
O'Brien, David. Renfrage O 1878	Rae, J. Hamilton (Hon.), London, Eng 1853
O'Brien, David, O'Brien, T. J., P., O'Brien, Timothy, O'Callagan, Cornelius H. Sandamo, B C 1876 Kansas City, Mo 1885 Brudenell, O 1884	Rae, J. Hamilton (Hon.), London, Eng 1858 Rainville, Pierre, 1863 Rambault, J., Dep. Insp. Gen. Army 1859 Rattray, Charles J., Rattray, James C., Cobden, O 1874 Raymond, Olivier. Montreal Sta
O'Brien, Timothy, Brudenell O 1994	Rambault, J., Dep. Insp. Gen. Army 1850
U Callagan, Corneling H	Rattray, Charles J.,
O'Callaghan, T. A., B.A., Worcester,	Rattray, James C., Cobden, O 1874
Maga 1996	Raymond, Olivier. Montreal 1850
*() Connor Daniel A	Raymond, G. H., B.A., Springfield, NB 1886
O'Dea, James J., Stapleton, Staten	Pedrar H., Halifax, N S 1861
Island N V 1850	Reddick Poly Lonsdale, 0 1864
	Reddy Horbert, West Winchester, O 1874
O'Keefe, Henry, Ogden, H. V., B.A., O'Leary, James, O'Leary, Patrick, Oliver, James W., O'Reilly, Charles.	*Roddy John (al., B.A., Montreal 1876
Ogden, H. V., B.A., Milwaukee, Wis 1882	Read Thomas D. 1856
O'Leary, James, St. Pascal, O 1:66	*Reddy, John (ad eun), 1856 Reed, Thomas D., Reed, John A., Sault Ste Marie, 0 1871 Reid, Asy, Peter
O'Leary, Patrick, Mayo, P. O 1859	Reed, John A., Reid, Alex. Peter, *Reid, Kenneth.
Oliver, James W., Clifton, O 1868	Reid, Alex. Peter, *Reid, Kenneth. Halifax, N S 1858
O'Reilly, Charles, Toronto, O 1867	
Orton, T. H., Osborne, A. B., Osler, Wm. 121 S 15th St. Hamilton, O 1886	Renner, W. Scott, Jordan Station, 0 1884 Reynolds, T. W., Hamilton, 0 1881
Osborne, A. B., Hamilton, O 1886	
outer, it m., tot b tottl bl. Philadelphia 1879	* Down olds mi
Palmer, G. F., Padfield, Charles W., Painchaud, Edward S. L., Varennes, Q. 1848 Pallen, Montrose A., Palmer, Loran L., Paquin, Jean M., 1843	*Reynolds, Thomas, Bighard Margal
Palmer, G. F., Ottawa, O 1885	Richard Marcel, Manchester, N H 1864 Richard Marcel, Mt Pleasant, Minn 1873 Ridley, Henry Thomas, Hamilton, O 1852 *Rielle, Etienne R. E.
*Padfield, Charles W., 1868	Ridley Henry Thomas Mt Pleasant, Minn 1873
Painchaud, Edward S. L., Varennes O 1818	*Rielle Etieppe P. F. Hamilton, O 1852
Pallen, Montrose A., New York 1964	*Rielle, Etienne R. E., 1857
Palmer, Loran L., Toronto O 1866	Riley, Oscar H., Moer's Forks, Clinton
*Paquin, Jean M., 1843	Rinfrot Fordinand D Co., NY 1879
*Paradis, Henri, 1846	*Distant D in the Suenec 1808
*Paradis, Pierre E., 1867	*Rintoul, David M., 1854
*Paradis, Henri, 1843 *Paradis, Henri, 1846 *Paradis, Pierre E., 1867 *Park, George A., 1877 Parker, Charles S., 1866 *Parker, Rufus S.	Riondan D. K., Archer av., Chicago 1865
Parke, Charles S., 1866	Riordan, B. L., Toronto, O 1880
Parker, Rufus S., Canton, Mass 1865	Bitchie, A. F., B.A., Duluth, Minn 1876
*Patterson, James M., 1855	Richardson, J. R., Archer av., Chicago 1865 Riordan, B. L., Toronto, O 1880 Ritchie, A. F., B.A., Duluth, Minn 1876 Ritchie, John L., Army Med. Dept 1874 *Roberts, Edward T.,
Paterson, James. Winning Man 1864	Poherts, Edward T., 1859
Parker, Rufus S.,  *Patterson, James M., Patterson, James M., Pattee, George, Pattee, George, Pattee, Richard P., *Patton, Edward K.  Plantagent, 0 1874  *Patton, Edward K.	Roberts, John E., B.A., Montague, Jam., W I 1867
	Pohontan A M Jam., W I 1867
*Pattor, Edward K.,	Robertson, A. M., 1867 Robertson, James E., Montague, P E 1 1865 Robertson, David, Milton, 0 1864 Robertson, Patrick, St Andrews, Q 1867 Robertson, F. D. B. A. Lenpoxyille, 4 1886
Pegg, Anstin J., Pegg, Charles H., Perks, W. C Perrault, Victor, Perrier, John, Perrigo, James M. A.	Robertson, James E., Montague, P E 1 1865
Pegg, Austin J., Ossian, Iowa 1872 Pegg, Charles H. Chicago, III 1867	Robertson, David, Milton, O 1864
Perg, Charles H., Perks, W. C., Perrault Victor	Robertson, David T., Lennoxville, Q 1857
Perrault, Victor, St Englade O 1950	Robertson, David T., Robertson, Patrick, Robertson, F. D., B.A., Lennoxville, Q 1857 Robillard, Adolphe, Robinson, Stephen, Brattford Officer Robinson, Stephen, Brattford Officer
Perrault, Victor, Perrier, John, Cleveland, Ohio 1868	Robertson, F. D., B.A., Lennoxville, Q 1886
Perrigo. James, M.A., Montreal 1879	Robinard, Adolphe, Ottawa, O 1860
Perry, H. R., Cotean Landing O 1879	Robinson, Stephen J., Brantford, O 1867
Perry, H. R., Coteau Landing, Q 1873 Phelan, C. J. R., Waterloo, Q 1865 Phelan, James B, Chicago, Ili 1874	Robitsolle, Louis, Robitsille, Louis, Robitsille, Louis, New Carlisle, Q 1866
Phelan, James B. Chicago Tu 1874	Robitaille, Louis, New Carlisle, Q 1866
	Robitaille, L. T., Quebec 1858
	tRoddick, Thomas G., Montreal 1868
Phippen, S. S. C., Owosso, Mich 1883 Picault, Chas., 1857	Robinson, Stephen J., Robinson, Wesley, Robitsaille, Louis, Robitaille, Louis, Roddick, Thomas G., Rodger, Thomas A., Rogers, E. J. A., Rogers, Ams.
Picault, Chas.,	Rogers, A., Denver, Col 1881
Pickup, John W., Brockville, O 1867	Roopey P. F. Anhana Di Ottawa, O 1874
Pinsonneault, B., Chicago III 1880	+Ross Goorge M A Placer Co., Cal 1870
Pinet, Alexis.	Rogers, Amos, Ottawa, O 1834 Rooney, R. F., Auburn, Placer Co., Cal 1870 FRoss, George, M. A., Montreal 1866 †Ross, James, B. A., Dundas O 1881
Pinet, Alex. R., St. Laurent, O 1864	
Pickup, John W., Brockville, 0 1867 Pinsonneault, B., Chicago, III 1880 Pinet, Alexis, St Laurent, Q 1864 Poole, Alf., Tweed, O 1886 Poole, H. E., Rossie, N Y 1880 Porteous, Wm., Montreal 1884 Coussette, A. Courthorpe, Sarnia, O 1860	Ross, G. T., Montreal 1880
Poole, Alf., Montreal, O 1886	Ross, L. D., Detroit, Mich 1884
Poole, H. E., Rossie, N. V. 1880	Ross, L. D., Ross, L. D., Ross, W. K., Ross, Thomas,  Montreal 1880 Detroit, Mich 1884 Kansas City, U.S 1883
Porteous, Wm., Montreal 1884	*Ross Henry
Poussette, A. Courthorpe, Sarnia, O. 1860 Powell, F. H., Ottawa, O. 1885 Powell, Israel Wood, Victoria, B. C. 1860 Powell, Newton W. Cockentra, O. 1850	*Ross, Henry, Ross, William G., Ashburt, New Z 1871
Powell, F. H., Ottawa, O 1885	*Ross Wm D
Powell, Israel Wood, Victoria, B C 1860	Ross J W 1875
Powell, Newton W., Cobourg, 0 1850	
	Ross I. F R A Conces, N 1 1881
Powell, Robert H. W., Ottawa O 1876	Ross, L. F., B.A., Montreal, Q 1886
Powell, Robert H. W., Ottawa, O 1876 Cowers, George W., Eaton Cor, O 1801	Ross, L. F., B.A., Montreal, Q. 1886 Rowat, W. M., Manotick, O. 1886
Powerl, Robert H. W., Ottawa, O 1876 Eaton Cor., Q 1801 Powers, Lafontaine B., Port Hore O 1867	Ross, L. F., B.A., Montreal, Q. 1886 Rowat, W. M., Manotick, U. 1886 Montreal, Q. 1886 Montreal, Q. 1884 Montreal, Q. 1884
Powell, Robert H. W., Ottawa, 0 1876 Owers, George W., Eaton Cor., Q 1801 Powers, Lafontaine B., Port Hope, 0 1885 Cornwall, 0 1855	Ross, L. F., B.A., Rowat, W. M., Rowell, G. B., Rugg, Henry C., *Ruprsey, William *Ruprsey, William *R
Powerl, Robert H. W., Ottawa, O. 1876 Owers, George W., Eaton Cor., Q. 1851 Owers, Lafontaine B., Port Hope, O. 1867 Cornwall, O. 1855 Pringle, George, Cornwall, O. 1855 Pringle, A. F., Northfield, Minn 1880	Ross, L. F., B. A., Rowat, W. M., Rowell, G. B., Rugg, Henry C., *Rumsey, William, Rutherford M. C. Ferrore Fells, M. 1881  *Research of M. C. Ferrore Fells, M. 1881  1886  *Runsey, William, Rutherford M. C. Ferrore Fells, M. 1881
Powerl, Robert H. W., Ottawa, O. 1876 Dowers, George W., Eaton Cor., Q. 1861 Powers, Lafontaine B., Port Hope, O. 1867 Pringle, George, Cornwall, O. 1855 Pringle, A. F., Pringle, W. R., Conwall, O. 1865	Ross, L. F., B.A., Rowat, W. M., Rowell, G. B., Rugg, Henry C., *Rumsey, William, Rutherford, M. C., Fergus Falls, Minn 1879 Rutherford, Claracian, M. C., *Rumsey, Minn 1879 *Rutherford, Claracian, M. C., *Rutherford,
Powell, Robert H. W., Ottawa, O. 1876 Owers, George W., Eaton Cor., Q. 1851 Owers, Lafontaine B., Port Hope, O. 1887 Pringle, George, Cornwall, O. 1855 Pringle, W. R., Northfield, Minn 1880 Cornwall, O. 1886 Cornwall, O. 1886 Cornwall, O. 1886	Ross, L. F., B. A., Montreal, Q. 1886 Rowell, G. B., Montreal, Q. 1886 Rowell, G. B., Montreal, Q. 1884 Rugg, Henry C., Perth, O. 1865 *Rumsey, William, 1859 Rutherford, M. C., Fergus Falls, Minn 1879 Rutherford, Clarendon, M. A., Chicago 1882
Powerl, Robert H. W., Ottawa, O. 1876 Gowers, George W., Eaton Cor., Q. 1801 Powers, Lafontaine B., Port Hope, O. 1867 Pringle, George, Cornwall, O. 1855 Pringle, A. F., Northfield, Minn. 1880 Pringle, W. R., Cornwall, O. 1886 Pringle, W. R., Ply Co., Lowa 1874 Proudfoot, John S., Susp'on Bridge, O. 1888	Ross, L. F., B. A., Montreal, Q. 1886 Rowell, G. B., Montreal, Q. 1886 Rowell, G. B., Montreal, Q. 1884 Rugg, Henry C., Pertho, 1865 *Rumsey, William, 1859 Rutherford, M. C., Fergus Falls, Minn 1879 Rutherford, Clarendon, M. A., Chicago 1882 Rutledge, And. J., Manitoba 1883
Powerl, Robert H. W., Ottawa, O. 1876 Dowers, George W., Eaton Cor., Q. 1861 Powers, Lafontaine B., Port Hope, O. 1867 Pringle, George, Cornwall, O. 1855 Pringle, A. F., Northfield, Minn. 1880 Proudfoot, John S., Susp'on Bridge, O. 1848	Ross, L. F., B. A., Montreal, Q. 1886 Rowat, W. M., Montreal, Q. 1886 Rowell, G. B., Montreal, Q. 1884 Rugg, Henry C., Perth, O. 1865 Rutherford, M. C., Fergus Falls, Minn 1879 Rutherford, Clarendon, M. A., Chicago 1882 Ruttan, Allen, Manitoba 1883 Ruttan, Allen, Napanee, O. 1852
Powerl, Robert H. W., Ottawa, O. 1876 Owers, George W., Eaton Cor., Q. 1851 Owers, Lafontaine B., Port Hope, O. 1867 Pringle, George, Cornwall, O. 1855 Pringle, W. R., Cornwall, O. 1886 Prosser, W. O., Le Mars, Ply Co., Lowa 1874 Proudfoot, John S., Susp'on Bridge, O. 1848 Proudfoot, Alex., Prouds, Phileas. Montreal 1869 Prouds, Phileas. Montreal 1864	Ross, L. F., B. A., Rowat, W. M., Rowell, G. B., Rugg, Henry C., *Rumsey, William, Rutherford, M. C., Fergus Falls, Minn 1879 Rutherford, Clarendon, M. A., Chicago 1882 Rutlan, A. M., Ruttan, R. M., Ruttan, Ru
Powerl, Robert H. W., Ottawa, O. 1876 Dowers, George W., Eaton Cor., Q. 1801 Powers, Lafontaine B., Port Hope, O. 1867 Pringle, George, Cornwall, O. 1855 Pringle, A. F., Northfield, Minn. 1880 Pringle, W. R., Cornwall, O. 1886 Proudfoot, John S., Suspon Bridge, O. 1888 Proudfoot, John S., Suspon Bridge, O. 1888 Proudfoot, Alex., Montreal 1869 Proudry, Prievost, E. Gilbert, Montreal 1848	*Ross, Henry, Ross, Wm. D., Ross, J. W., Ross, J. W., Ross, J. W., Ross, L. F., B. A., Montreal, Q. 1886 Manotiek, O. 1886 Manotiek, O. 1886 Mowell, G. B., Montreal, Q. 1884 Montreal, Q. 1886 Montreal, Q. 1884 Montreal, R. S. Napanee, O. 1852 Montreal, R. M., New York 1880 Montreal, 1884
Cowell, Srael Wood, Victoria, B C 1860 Powell, Robert H. W., Ottawa, 0 1876 Powers, George W., Eaton Cor., Q 1851 Powers, Lafontaine B., Port Hope, 0 1867 Pringle, George, Cornwall, 0 1855 Pringle, W. R., Northfield, Minn 1880 Pringle, W. R., Cornwall, 0 1886 Proudfoot, John S., Susp'on Bridge, 0 1888 Proudfoot, John S., Susp'on Bridge, 0 1888 Proudfoot, Phileas, Montreal 1869 Proudfoot, Phileas, Montreal 1844 Proudfoot, F. W., Stonewall, Man 1880	220111041 1001
Pulford, F. W., Stonewall, Man 1880	Ross, L. F., B. A., Rowat, W. M., Rowat, W. M., Rowell, G. B., Rugg, Henry C., *Rumsey, William, Rutherford, M. C., Fergus Falls, Minn 1879 Rutherford, Clarendon, M. A., Chicago 1882 Rutledge, And. J., Ruttan, A. M., Ruttan, A. M., Ruttan, K. F., *Sabourin, Moise, Sampson, James (Hon.),

Sanderson, George W., Toronto, O 1850 Savage, Thos. Y., Thistletown, O 1854 *Savage, Alex. C., 1866 *Sawyer, James H., 1867 *Schimdt, Samuel B., 1847	Stevenson, John L., 1855
Sanderson, George W., Thistletown, O 1854	*Stevenson, John A Stevenson, Robert A., Stewart, Alexander, Palmerston, 0 1872 Palmerston, 0 1872
*Savage, Alex. C.,	Stevenson, Robert A., Strathloy, 0 1872
*Sawyer, James H 1863	Stewart, Andrew. 1884
*Schimdt, Samuel B., Wentreel 0 1886	*Stewart, John Alexander, 1862
Schmidt, A. F., Foirbault, Man 1886	Stewart, James, Montreal 1869
*Sawyer, James H 1847 *Schimdt, Samuel B., Montreal, Q 1886 Schmidt, A. J., Fairbault, Man 1886 *Schofield, David T., 1854 *Schofield, David T., 1978	Stewart, Andrew,  *Stewart, James, Stewart, James, Stewart, James, Stewart, J. O., Stephenson, James, Stimpson, Alfred O., Thompson, Pa 1888 St. John, Leonard, Storrs, A., Mexborough, York, Eng 1876 *Strobridge, James Gordon, Struthers, A. D., Struthers, A. D., Struthers, B. R., Rochester, Minn 1883 Stroud, C. S., Norway, Benton Co., Iowa 1876 *Sutherland, Fred. Dunbar, Sutherland, Walter, Sutherland, William,  *Sutherland, William, Sutherland, William, Sutherland, William, Switzer, Egerton R., Salina, Ks 1865
Scott, John G., Hazeldean, Co Carlt, O 1879	Stephenson, James, 1roquois, U 1890
Scott, Stephen A.,	Stimpson, Alfred O., Inompson, 1 a 1000 St. John Leonard Chicago, Ill 1872
*Scott, William E.,	Storrs A. Mexborough, York, Eng 1876
Scott, Wm. F., Winning Man 1883	*Strobridge, James Gordon, 1862
Scott, W. McE., Willinger, Mail 1846	Struthers, A. D., Frelighsburg, Q 1881
Scriven, George Augustus, Brigden, 0 1870	Struthers, B. R., Rochester, Minn 1883
Second Levi. Bright, 0 1876	Stroud, C. S., Norway, Benton Co., 10wa 10/0
Seery, F. J., Fredericton, N B 1886	Sutherland, Fred. Dunbar, Ormstown, 0 1871
Scott, John G., Hazeldean, Co Carlt, O 1879 Scott, Stephen A., 1844 *Scott, William E., 1844 *Scott, William E., 1844 *Scott, W. McE., Winnipeg, Man 1883 *Scriven, George Augustus, 1846 Seager, Francis R., 1844 Seegur, Francis R., 1846 Seery, F. J., 1876 Seguin, André, 1876 Seguin, André, 1876 Sewell, Sewell, Stephen C. (ad eun), 1843 Sewell, Colin (ad eun), 1843	*Sutherland, William, 1836
Seguin, André, St Paul Minn 1863	*Sutherland, William, 1870
Senkler, A. E., Seling, Frisco Co., Cal 1881	Sutherland, William Dunbar, Montreal 1879
Seymour, M. M., Winnipeg, Man 1879	Switzer, Egerton R., Salina, Ks 1865
*Sewell, Stephen C. (ad eun), 1843	Tabb, Silas E., M.A., Sherbrooke, Q 1888  *Tait, Henry Thomas, Taylor, Wm. H., Peterboro, 0 1859  Taylor, Sullivan A. Gilmonton, N H 1870  Tew, H. S., Wakefield, York, Eng 1884  Temple, James A., Toronto 1885  Thayer, Linus O., Montreal 1859  *Theriault, F. D., Montreal 1859  Therien, Honore, Thomas, W. R., Elkhart, Man 1886  Thompson, James, Thompson, Robert, New Eighmond, 0 1882  Thompson, Robert, New Eighmond, 0 1882
Sewell, Colin (ad eun), Quebec 1869	*Toit Henry Thomas.
Shanks, J. C., Howick, Q 1881	Taylor, Wm. H., Peterboro, 0 1859
Sharp, J. C., South Toledo, Ohio 1872	Taylor, Sullivan A. Gilmonton, N H 1870
Sharp, Wm., South Toledo, Only 1882	Tew, H. S., Wakefield, York, Eng 1864
Shaw W F. Bracebridge, 0 1879	Temple, James A., Toronto 1850
Shaver, Peter Rolph, Stratford, 0 1854	Thayer, Linus O., Montreat 1863
Shaver, W. H., Wales, O 1883	Therian Honore Bedford, 0, 1863
*Shaver, R. N., Vankon O 1858	Thomas, W. R., Elkhart, Man 1886
Shibley, J. L., B.A., Montreal 1873	*Thompson, James, 1842
Sewell, Colin (ad eun), Shanks, J. C., Sharp, J. C., Sharp, Wm., South Toledo, Ohio 1872 Shaw, Alexander, Shawer, Peter Rolph, Shaver, W. H., *Shaver, R. N., Shibley, J. L., B.A., Shepherd, Francis J., Sherk, George, Shoebottom, Henry, Port Huron, Mich 1857	*Thompson, James, Thompson, Robert, Brantford, 0 1852 Thompson, Wm. A., New Richmond, Q 1882 Thornton, Hastwell W., B.A., New Richmond, Q 1882
Shoebottom, Henry, Port Huron, Mich 1857	Thompson, Wm. A., New Richmond, Q 1002
Shufelt, W. A., 250 W 11th St, N York 1881	Thornton, Hastwell W., B.A., Richmond, O 1882
Sihler, G. A., Simcoe, O 1886	Tracey, A. W., West Meriden, Conn 1873 Trenholme, Edward Henry, Montreal 1862
*Simard, Amable, Montreel 1854	Trenholme, Edward Henry, Montreal 1862
Simpson, Thomas, Avlmer, O 1874	*Trudel, Eugene H.,
Smelair, Coll, Small H R Ottawa 1880	Trueman, J. E., Macan, N. S. 1881
Shepherd, Francis J., Montreal 1843 Sherk, George, Cheapside, O 1865 Shoebottom, Henry, Port Huron, Mich 1857 Shufelt, W. A., 250 W 11th St., N York 1881 Sihler, G. A., Simcoe, O 1885 Simley, Thomas, Simclair, Coll, Small, H. B., Oitawa 1864 Smellie, T. S. J., M. A., Pr Arthur's Smiley, J. S., Portsmouth, 10wa 1886	*Trudel, Eugene H., 1841 Trueman, J. E., Macan, N S 1851 *Turgeon, Louis G., 1860 Turnbull, R., Fort McLeod, N.W.T 1886
Smellie, T. S. J., M.A., Pr Arthur's	Turnbull, R., Fort McLeod, N. W. 1 1853
Landing, 0 187	7 Tuzo, Henry A., 0 †Tunstall, Simon J., B.A., Litton, BC 1875
Smiley, J. S., Portsmouth, Iowa 188 *Smith, Daniel D., Smith, Daniel F., Smith, E. H., 2700 Wentworth Ave., Chicago 188 Smith, E. H., *Smith, Edward W., Smith, Lehra Portland, Oregon 187	8
Smith, Daniel E., Walkerton, O 187	8 Usher, Henry, Walkerton, 0 1861
Smith, E. H. 2700 Wentworth Ave.,	- Tar Detroit Mich 1850
Chicago 188	Vannorman, J. M., Detroit, Mich 1850  *Vercee, Henry L., 1865  *Vicat, John R., 1867  †Vineberg, Hiram N., New York 1878
Smith, E. H., Fullarton, Neb 188	1 *Vercoe, Henry L., 1809 9 *Vicat, John R., Now York 1878
*Smith, Edward W.,	+Vineherg Hiram N. New York 1878
Smith, John, Frelighsburg O 187	
Smith William. Lachute, 0 187	Wagner, A. Dixon, Cornwall, 0 1872
Smith, Edward W., A.B., West Mer-	Wagner, G. C., Dickinson's Lag, V 1844
Smith, E. H.,  "Smith, Edward W., Smith, John, Smith, Norman A., Smith, William, Smith, Edward W., A.B., West Merriden, Conn. 185 Smith W. A. de W., Montreal, Q. 185	Wagner, A. Dixon, Cornwall, 0 1872 Wagner, G. C., Dickinson's Ldg, 0 1881 *Wagner, William H., Quebec 1866 Wales, Benjamin N., Robinson, Q 1874 *Walley Robert, 1851
Smith, W. A. de W., Montreal, Q. 188 Smyth, H. E., Marlboro', Mass 188 Smythe, T. W., Colonel 100th Regt,	
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	Walker, Felix D., Launching, PET 1804
Spider Frederick S., Teeterville, 0 18	Walker, Felix D., Launching, P E 1 1005 Wallace, Isaac U., Milton, Q 1874
Snider, Frederick S., Sparham, Terence, Brockville, 0 18	76 Wallace, Isaac U., Milton, Q 1872
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*Whyte Togonh A	Wood, Ed.
*Whyte, Joseph A., Wiarton, O 1870	Wood, Har
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*Widmer, Christopher (Hon.) 1875 *Wilcox, Marshall B., 1868 Wilkins, George (ad eur) Montael 1868	Woodful S
Wilcox, Marshall B., 1868	Woolman
Wilkins, George (ad eun), Montreal 1886	Woolway,
Williams, J., Williams, J. F.,	*Workman
Boston, Mass 1881	Workman,
Williams, J. F., Bowie O 1990	Workman,
	Worthingto
Will The New Castle, NB 1879	
Willson, J. A. K., C.P. R. 1885	Wouthing
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Wilson, Samuel F., Millstream, Kings	Wright, Wi
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Wilson C W Count J. N D 1004	Wye, John
Wilson, C. W., Cumberland, O 1886	
*Wilscam, John Wilbrod, 1846 Wishart, D. J. G., Toronto, 0 1885 Woolverton, A., M. A. Hamilton, 0 1885	Vouna Dh:
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Woods, David, Staff Surgeon Army	1000
Wood, Edwin Goo Land	1000
Wood, Edwin Geo., Londsboro, O.	1885
Wood, George C.,	7815
Wood, George, Farihault Minn	1000
Wood Ed S Family 18 18	1903
Wood, George C., Wood, George, Wood, Ed. S., Wood, Hannibal W. Knowitz, Minn	1883
Wood, Hannibal W., Knowlton, Q.	1865
Woods, Jno. J. E., Aylmon O	1005
Woodful Sam Prott	1019
Woods, Jno. J. E., Woodful Sam. Pratt., Surg. Maj.	1864
	1875
*Workman, Benjamin,	1050
Workman, Benjamin, Workman, Joseph, Worthington, Edward (2)	1003
Worthington Ed. 1 Toronto	1835
Worthington, Edward (ad eun) Sher-	
hrooks 0	1000
Worthington, A. N., Montreal O.	1000
	1886
Wright Honey B.A., Picton, O	1878
Wilgit, Helly P.	1070
	1012
	1859
	1848
Wye, John H., 26 Farrington Sq.,	
	1000
Young, Philip R., Clarenceville O	1868
	1876
Toung, Robert U. Ridgetown O	1878
Youker, William, Belleville O	1070
Belleville, O	1010

\* Deceased.

† Medallist.

# EXAMINATION PAPERS—SESSION 1885-86.

## MATRICULATION EXAMINATIONS.

#### LATIN.

Examiner ..... H. ASPINWALL HOWE, M.A., LL.D.

Note.—Candidates may choose between Cicero and Virgil.

- 1. Translate, without unnecessary change of construction:
- (a) Ibis tandem aliquando, quo te jampridem tua ista cupididas effrenata ac furiosa rapiebat. Neque enim tibi hæc res affert dolorem, sed quamdam incredibilem voluptatem. Ad hanc te amentiam natura peperit, voluntas exercuit, fortuna servavit. Numquam tu non modo otium, sed ne bellum quidem, nisi nefarium concupisti. Natus es ex perditis atque ab omni non modo fortuna, verum etiam spe derelictis conflatam improborum manum. Hic tu qua lætitia perfruere? quibus gaudis exsultabis? quanta in voluptate bacchabere, quum in tanto numero tuorum neque audies virum bonum quemquam, neque videbis? Ad hujus vitæ studium meditati illi sunt, qui feruntur, labores tui: jacere humi non modo ad obsidendum stuprum, verum etiam ad facinus obeundum: vigilare non solum insidiantem somno maritorum, verum etiam bonis occisorum.
  - (b) Atque ut ejus diversa studia in dissimili ratione perspicere possitis; nemo est in ludo gladiatorio paullo ad facinus audacior, qui se non intimum Catilinæ esse fateatur; nemo in scena levior et nequior, qui se non ejusdem prope sodalem fuisse commemoret. Atque idem tamen, stuprorum et scelerum exercitatione assuefactus, frigore et fame et siti ac vigilis perferendis fortis ab istis prædicabatur, quum industriæ subsidia atque instrumenta virtutis in libidine audaciaque consumeret. Hunc vero si secuti erunt sui comites, si ex Urbe exierint desperatorum hominum flagitiosi greges, o nos beatos, o rempublicam fortunatam, o præclaram laudem consulatus mei!
    - 2. Parse all the words of:—Neque enim tibi hac res affert dolorem, sed quamdam incredibilem voluptatem together.
  - 3. Give the principal parts of the verbs, affert, peperit, concupisti, nactus es, jacere.

- 4. Explain the terms Deponent, Inceptive, Frequentative, Desiderative as applied to Verbs, and give an example of each.
- 5. Give the derivation of cupiditas, incredibilis, exsulto, insidians, assuefacio. State the force of each component part.
  - 6. Write short explanations of:-
  - (a) Qua lætitia perfruere. What case is this? Give Rule.
  - (b) Jacere humi. Account for this genitive.
- (c) Ad facinus obeundum. Explain fully what is called the gerundive construction.
  - (d) In ludo gladiatorio. What were these ludi?
- (e) Si ex Urbe exierint. What tense? Is the Mood Indicative or Subjunctive? Your reason?

#### VIRGIL.

- 1. Translate, without unnecessary change of construction :-
  - (a) Sic ait, et dicto citius tumida æquora placat,
    Collectasque fugat nubes, solemque reducit.
    Cymothoë simul et Triton adnixus acuto
    Detrudunt naves scopulo; levat ipse tridenti,
    Et vastas aperit syrtes, et temperat æquor;
    Atque rotis summas levibus perlabitur undas.
    Ac veluti magno in populo quum sæpe coorta est
    Seditio, sævitque animis ignobile vulgus;
    Jamque faces et saxa volant; furor arma ministrat:
    Tum, pietate gravem ac meritis si forte virum quem
    Conspexere, silent, arrectisque auribus adstant;
    Iste regit dictis animos, et pectora mulcet:
    Sic cunctus pelagi cecidit fragor, æquora postquam
    Prospiciens genitor, cœloque invectus aperto,
    Flectit equos, curruque volans dat lora secundo.
  - (b) Obstupuit primo aspectu Sidonia Dido,
    Casu deinde viri tanto; et sic ore locuta est:
    "Quis te, nate dea, per tanta pericula casus
    Insequitur? quæ vis immanibus applicat oris?
    Tune ille Æneas, quem Dardanio Anchisæ
    Alma Venus Phrygii genuit Simoëntis ad undam?
    Atque equidem Teucrum memini Sidona venire,
    Finibus expulsum patriis, nova regna petentem
    Auxilio Beli: genitor tum Belus opimam
    Vastabat Cyprum, et victor ditione tenebat:

Tempore jam ex illo casus mihi conitus urbis
Trojanæ, nomenque tuum, regesque Pelasgi.
Ipse hostis Teucros insigni laude ferebat,
Seque ortum antiqua Teucrorum ab stirpe volebat.
Quare agite, o tectis, juvenes succedite nostris.
Me quoque per multos similis fortuna labores
Jactatam hac demum voluit consistere terra.
Non ignara mali miseris succurrere disco."

- 2. Parse all the words of:—Obstupuit primo aspectu Sidonia Dido, casu deinde viri tanto. Decline those that are italicised, taking primo aspectu together. Decline also quæ vis together.
- Give the principal parts of the verbs, aperit, perlabitur, conspexere, genuit, expulsus.
- 4. Explain the terms Deponent, Inceptive, Frequentative, Desiderative, as applied to verbs, and give an example of each.
  - 5. Give the derivation of periculum, auxilium, fragor, secundus, juvenis.
  - 6. Write short explanations of:-
  - (a) Iste regit dictis animos. Why would ille be better?
  - (b) Curruque volans dat lora secundo. In what case is curru, and why?
  - (c) Sidona venire. In what case is Sidona, and why?
- (d) Tectis succedite nostris. Is tectis in the dative or ablative? Your reason?
  - (e) Non ignara mali. What adjectives are followed by a genitive?

### OPTIONAL SUBJECT.

#### GREEK.

Examiner ..... H. ASPINWALL HOWE, M.A., LL.D.

1. Translate, without unnecessary change of construction, the tollowing extract from the Anabasis of Xenophon:—

Τὸ δὲ σύμπαν δηλος ἡν Κύρος ὡς σπεύδων πᾶσαν τὴν ὁδὸν καὶ οὐ διατρίβων, ὅπου μὴ ἐπισιτισμοῦ ἐνεκα ἡ τινος ἀλλου ἀναγκαίου ἐκαθέζετο, νομίζων, δσω μὲν ἀν ঔᾶττον ἔλθοι, τοσούτω ἀπαρασκευαστοτερω βασιλεὶ μαχεῖσθαι, δσω δὲ σχολαιότερου, τοσούτω πλέον συναγεῖρεσθαι βασιλεί στράτευμα. Καὶ συνιδείν ὁ ἡν τῷ προσέχονι τὸν νοῦν ἡ βασιλέως ἀρχὴ ωλήθει μὲν χώρας καὶ ἀνθρώπων ἰσχυρὰ οὐσα, τοῖς δὲ μήκεσι των όδων καὶ τῷ διεσπάσθαι τὰς δυναμεις ἀσθενης, εἰ τις διὰ ταχέων τὸν πόλεμον ἐποιεῖτο. Πέραν δὲ τοῦ Εὐψράτου ποταμοῦ κατὰ τοὺς ἐρήμους σταθμοὺς ἡυ πόλις εὐδαίμων καὶ μεγάλη, ὄνομα δὲ Χαρμάνδη· ἐκ ταὺτης οἱ στρατιωται ἡγόραζον τὰ επιτήδεια σχεδίαις διαβαίνοντες ὧδε· διφθέρας, ας εἰχον στεγάσματα, ἐπίμπλασαν χόρτον κούφον, εἶτα συνῆγον καὶ συνέσπων, ώς μὴ ἀπτεσθαι τῆς κάρφης νὸ ὕδωρ· ἐπι τούτων διέβαινον καὶ ἐλάμβανον τὰ ἐπιτήδεια, οἶνόν τε ἐκ τῆς βαλάνου πεποιημένον τῆς ἀπὸ τοῦ φοίνικος καὶ σῖτον μελίνης· τοῦτο γὰρ ἦν ἐν τῆ χώρα πγειστον.

- 2. Parse πὰσαν τὴν ὁδόν, ἔλθοι, ἐκαθέζετο, διεσπάσθαι, μήκεσι. Decline such of these as are declinable.
- Give the 1st person singular of the Present, Future, Perfect and 1st or 2nd Aorist Indicative of the verbs ἐλθοι, συνιδεῖν, εἶχον, ἐπίμπλασαν, διέβαινου.
- 4. Write in order the Positive, Comparative and Superlative of θᾶττον, πλέον, ἰσχυρά, εὐαδίμων, μεγάλη.
  - 5. Write short notes explanatory of-
    - (a)  $\sigma \pi \epsilon \dot{\nu} \delta \omega \nu \pi \tilde{a} \sigma a \nu \tau \dot{\eta} \nu \dot{o} \delta \dot{o} \nu$  Why is the accusative used?
    - (b) τὰς δυνάμεις ἀσθενής. In what case is δυνάμεις, and why?
    - (c) ας είχου στεγάσματα. Explain the case στεγάσματα.
    - (d) ἐπίμπλασαν χόρτον κούφον. Why genitive? Give the Rule.
    - (e) ἄπτεσθαι τῆς κάρφης. Why genitive again? What is the Rule?

#### ENGLISH.

Examiner..... H. ASPINWALL HOWE, M.A., LL.D.

- 1. What is meant by inflexion? Give examples of forms of inflexion that still survive in the English Language.
- 2. Define adjective, and give its derivation. Assign each of the following adjectives to its proper class:—each, some, honest, eight, many, those. Give three examples of adjectives used as nouns.
- 3. State the different ways of forming the past tense and past participle of a verb. Give these parts of the verbs fall, lay, lie, wring, beat, see, saw, sew, sow, swim. What parts of verbs may be used (a) as nouns, and (b) what as adjectives?
- 4. Discuss the following statement:—All pronouns are *relative*. It would be better therefore to distinguish the pronoun *who* by the name *conjunctive*

pronoun, and this view is confirmed by examining into the composition of the Latin relative qui.

- 5. What is meant by prefix and suffix. Give the meaning and derivation of the following words, indicating the force of each component part.—death, darling, casual, causal, inadvertent, reptile, balloon, autobiography, telegraph, telegram.
  - 6. Analyze:-

An inadvertent step may crush the snail That crawls at evening in the public path; But he that has humanity, forewarned; Will tread aside and let the reptile live.

- 7. Parse the words found in italics below:-
- (a) The translation will be read when the original is forgotten but not till then.
- (b). Fearing that the load was injuring the horse, I felt no pleasure in travelling through that entrancing scenery.
  - 8. Correct or improve:
  - (a). I chose the smallest of the two, because it seemed most preferable.
  - (b). He said he won't give me none.
  - (c). These sort of men are sure not to speak true, like we do.
  - 9. Write a short composition on "Athletic Sports."

#### FRENCH.

Examiner..... H. ASPINWALL HOWE, M.A., LL.D.

1. Translate, as closely as difference of idiom will admit:

Trois paissants rois menaçaient ainsi l'enfance de Charles XII. Les bruits de ces préparatifs consternaient la Suède, et alarmaient le conseil. Les grands généraux étaient morts; on avait raison de tout craindre sous un jeune roi qui n'avait encore donné de lui que de mauvaises impressions. Il n'assistait presque jamais dans le conseil que pour croiser les lambes sur la table; distrait, indifférent, il n'avait paru prendre part à rien.

Le conseil delibéra en sa présence sur le danger où l'on était: quelques conseillers proposaient de détourner la tempête par des négociations; tout

d'un coup le jeune prince se lève avec l'air de gravité et d'assurance d'un homme supérieur qui a pris son parti: "Messieurs, dit-il, j'ai résolu de "ne jamais faire une guerre injuste, mais de n'en finir une légitime que "par la perte de mes enemis. Ma resolution est prise; j'irai attaquer le "premier qui se déclarera; et quand je l'aurai vainçu, j'espère faire quel-"que peur aux autres." Ces paroles étonnèrent tous ces vieux conseillers; ils se regardèrent sans oser répondre. Enfin, étonnés d'avoir un tel roi, et hontoux d'espèrer moins que lui, ils reçurent avec admiration ses ordres pour la guerre.

- 2. May the indefinite pronoun on be used as a feminine and as a plural? Give two examples shewing either that it can or that it cannot. When is l'on used instead of on?
- 3. What is the distinction between conjunctive and disjunctive personal pronouns? Illustrate your answer by examples introducing il and lui.
- 4. When is some translated by quelques and when by des? and when is de used for des. Give examples.
- 5. Write out the Present of *s'en aller*, the Imperfect of *prendre*, the Past Definite of *craindre* and the Future of *faire*, all in the Indicative mood. Write out also the Present and Imperfect Subjunctive of *dire*.
- 6. Write a few phrases shewing the idiomatic use of the verbs faire and venir.

#### BRITISH HISTORY.

Examiner ..... H. ASPINWALL HOWE, M.A., LL.D.

- 1. On what did William the Conqueror base his claim to the throne of England? What were the prominent traits of his character?
- 2. Name the foreign possessions of Henry II. State how and when each was acquired and how and when lost?
  - 3. Write a short sketch of the reign of Richard II.
- 4. What circumstances and causes led to the accession of William of Orange to the throne of England?
- 5. How did England acquire Canada? Of what European war was this acquisition an episode? How did she lose her American Colonies?
- 6. What great events are associated with Thomas à Becket, the Black Prince, John Hampden, General Monk, Clive?

#### GEOGRAPHY.

- 1. State some of the causes which determine climate. Name countries and places which may illustrate your answer.
- 2. Give the names and position of the great lakes in Central Africa discovered within the last 30 years. Trace the course of the Nile, the Congo and Zambesi.
- 3. A ship sails from the Sea of Azov to Crondstadt in the Baltic. Mention the seas and straits she will traverse, and the principal towns, capes, etc., she will pass by.
- 4. What facilities for communication have been effected by the Suez Canal, and will be effected by the Panama Canal?
- 5. Where and what are:—Alaska, Delhi, Khartoum, Mandalay, Riga, Socotra, the Garenne, Port Said, the Caucasus, Baikal?

#### ARITHMETIC.

Examiner..... H. ASPINWALL HOWE, M.A., LL.D.

Note.—The full working of each question must be given.

- 1. If 1 qr. 23 lbs. be the quotient, 672 the divisor, and 1 qr. 19 lbs. the remainder, what is the dividend? Obtain the answer without reducing the quantities to lbs., and by using the factors of 672.
- 2. Divide \$85.50 among A, B and C, so that B's share may be  $\frac{6}{41}$  of A's, and that C may have \$9 more than A and B together.
  - 3. Simplify without converting into vulgar fractions:

 $\frac{.0038425 - .00183}{.035}$ 

- 4. A substance, in undergoing a process, lost 42 per cent. of its weight, which after the process was 1102 lbs. What was the weight before the process?
- 5. When the Three per Cent. Stock is at 96, I can obtain £1 more of annual income than when it is at 97. How much money have I to invest?

#### ALGEBRA.

- 1. What must be the value of c in order that  $x^2 + 7x + c$  may be exactly divisible by x + 4?
  - 2. Reduce the fraction  $\frac{(x^4-b^4)(x-b)}{(x^2+b^2-2bx)(bx+x^2)}$  to its lowest terms.
  - 3. Simplify  $\left(a-b+\frac{b^2}{a+b}\right) \div \left(a+b+\frac{b^2}{a-b}\right)$
  - 4. Solve the simultaneous equation-

$$\left\{ \begin{array}{l} \frac{a}{x} + \frac{b}{y} = m \\ \frac{b}{x} - \frac{a}{y} = n \end{array} \right\}$$

5. A clock loses at the rate of  $8\frac{1}{2}$  seconds an hour when the fire is burning, and gains at the rate of  $5\frac{1}{1}$ 's seconds when the fire is out. On the whole it neither gains nor loses; how long in the 24 hours is the fire burning?

#### GEOMETRY.

Examiner..... H. ASPINWALL HOWE, M.A., LL.D.

- 1. Prop. 26, Bk. I. If two triangles have their bases equal, the triangles are equal in every respect.
- 2. Enunciate Prop. 34, Bk. I. Define parallelogram and rhombus. Prove that the diagonals of a parallelogram bisect each other, and further, that in a rhombus they bisect at right angles.
- 3. Prop. 9, Bk. II. If a straight line be divided into two equal and also into two unequal parts are together double of the square on half the line and of the square on the line between the points of section.
- 4. Prove, by aid of the preceding, that if a straight line be drawn from the vertical angle of a triangle to the middle of the base, the squares on the sides of the triangle are together double of the squares on half the base and on the line drawn from the vortex to the middle of the base.

## NATURAL PHILOSOPHY.

# Examiner ..... H. ASPINWALL HOWE, M.A., LL.D.

- I. Determine by a geometrical construction the resultant of three forces acting on a particle in given directions in the same plane.
- 2. Explain the meaning of. (a) uniform motion; (b) uniformly accelerated motion; (c) retarded motion; and state how such effects are produced. Why does not motion cease when the cause which produces motion ceases to act?
- 3. Give some illustrations of phenomena to which the forces of *chemical affinity*, cohesion and adhesion come respectively into play.
- 4. In what respect does a *liquid* differ from a gas? How may it be proved that a gas is effected by gravity.
- 5. If the S. G. of sea-water is 1.0623 and that of ice '9214, how much of the volume of a floating iceberg is below the surface of the water?

#### CHEMISTRY.

# Examiner..... H. Aspinwall Howe, M.A., LL.D.

- 1. What is understood by standard temperature, and pressure in the measurement of gases?
- 3. Give the formula for water, and explain how you would shew that this formula correctly represents the composition of water.
- 3. State the mode of preparation, the properties and uses of chlorinated lime or bleaching powder.
- 4. How would you detect *iodine* in *iodites*, and how may the element be obtained from an iodide?
- 5. Name alkali metals, and describe two important compounds of any one of them.

#### BOTANY.

Examiner, . . . . H. Aspinwall Howe, M.A., LL.D.

I. Describe the germination of a seed, such as that of maple.

2. Draw a leaf answering to the following description:—cordate, margin serrate, apex acute.

Describe fully the structure of apple fruit or pome.

- 4. What are root stocks, and how may they be distinguished from true roots?
- 5. Name Canadian plants that bear:—bilabite borollas, catkins, epadix, samara drupe.

#### PROFESSIONAL EXAMINATIONS.

#### FIRST YEAR.

#### BOTANY.

Examiner..... Prof. D. P. Penhallow, B. Sc.

- 1. Explain the process of nutrition.
- 2. Explain the physiological movement of water and its relation to growth.
  - 3. Explain respiration.
  - 4. Compare the functions of Metastasis and Assimilation.
- 5. Explain the functional value of Antherozoids, Embryo Sac, Archegonium and pollen grain.
- 6. Explain the functional value of the Prothallus, and show its equivalent in the Phenogams.

#### PHYSICS.

Examiner......G. P. GIRDWOOD, M.D.

- 1. Describe the physical properties of matter.
- 2. What are the different conditions in which we find matter, and the causes which modify them?
  - 3. Describe the physical and chemical properties of the atmosphere.
  - 4. Show the relation between specific heat, atomic heat, and latent heat.

5. What is meant by a primary and secondary current?

Describe the difference between them.

#### HISTOLOGY.

Examiner..... Prof. G. Wilkins, M.D., M.R.C.S., Eng.

- 1. Describe the structure of lymphatic vessels and glands. Where found? Name some lymph glands.
  - 2. Describe a medullated nerve-fibre.
- 3. Describe the mucous and submucous coat of the digestive tract, commencing at the esophagus and terminating in the large intestine.

#### SECOND YEAR.

#### CHEMISTRY.

Examiner ..... Prof. G. P. Girdwood, MD.

1. Describe the method of making a galvanic battery, simple and compound.

What are the differences between them?

What would you obtain by decomposing water, Hydrochloric Acid and Potassium Sulphide in solution by a galvanic current?

- 2. What is the actinic portion of the spectrum?

  Give examples of the effect of light producing chemical action.
- 3. What mechanical contrivances depend for their action upon the weight of the atmosphere?
  - 4. Describe preparation and properties of Nitric Acid and Ammonia.
- 5. Give a summary of what occurs where a jet of illuminating gas is burning.

#### PRACTICAL CHEMISTRY.

Examiner ..... Prof. G. P. GIRDWOOD, M.D., M.R.C.S.E.

1. What weight of copper is necessary, to decompose sufficient sulphuric acid to yield 5.52 litres of sulphur dioxide?

- 2. Write equations for the preparation of a compound of Hydrogen, with (1) Nitrogen, (2) Sulphur, (3) Phosphorus, (4) Arsenic, (5) Silicon.
  - 3. With what other elements are (a) Sulphur, (b) Manganese grouped? For what reasons are they so grouped?
- 4. Give chief Chemical and Physical properties of (a) Sodium, (b) Nitrous Oxide, (c) Arsenic Oxide, (d) Carbon Disulphide.
- 5. Compare by graphic formulæ the following classes of organic compounds:—(a) Amides, (b) Amines, (c) Cyanides.

Construct an homologous series of either class.

6. How are Chloral and Sulphuric Ether made?

How is Chloral changed into Chloroform?

What is the vapour density of Ether?

#### PHYSIOLOGY.

Examiner..... Prof. T. Wesley Mills, M.A., M.D.

- 1. Electric Currents of Muscle and Nerve:
- (a) Principal facts. (b) Different views as to their nature. (c) Arguments advanced pro and con. (d) State how the degree of irritability of a nerve may be made to vary. (e) The bearing of this on medical practice.
  - 2. The Heart beat in the mammal:
- (a) Different conditions causing it to vary. (b) The explanation of these. (c) Influence of these variations on blood pressure.
  - 3. Suppose the Blood Pressure being taken in the Carotid Artery of a rabbit:
- (a) Define the conditions associated with decided rise and fall of blood pressure. (b) Explain the causes of the latter (fall).
  - 4. Digestive Functions of Bile, and theories of Fat absorption:
- (a) Functions of the bile in digestion. (b) Evidence for your views. (c) Theories of fat absorption with special reference to Schäfer's. (d) On what foundation do these theories rest?
  - 5. Blood coloring matters:
- (a) The principal kinds known. (b) Conditions under which found. (c) Under what form expelled from the body. (d) The grounds on which your statements are based.

6. Secretion of urine:

- (a) Different views as to the secretion of the solids and the water of the urine respectively. (b) The experimental evidence on which these views are founded.
- 7. Fat in the mammal: (a) How laid up. (b) Why so variable in quantity. (c) Source and formation. (d) Importance. (e) The grounds for your views in every case.
- 8. Movement of the Iris: (a) Muscular mechanisms. (b) Nervous mechanisms. (c) Experimental evidence on which your views of the latter are founded. (d) Difficulties to be met.
  - 9. The Cord is divided in a dog in the lower dorsal region:
- (a) The various immediate consequences. (b) The permanent ones. (c) The functions of the cord that remain finally intact. (d) Explanation of the above and the experimental demonstration of the same.
- 10 Explain the origin of the following structures: (a) Spinal cord and brain. (b) Amnion. (c) Allantois. (d) Heart. (e) Ovary. (f) Bladder. (g) Eye.

11. A patient has the following symptoms: (a) Sees double. (b) Has drooping of right upper eyelid. (c) One corner of mouth drawn up. (d) Tendency to inflammation of nasal mucous membrane. (e) Difficulty in articulation. Assuming these all to be due to nervous derangements, diagnose the case on purely physiological principles?

N.B. (1) Only six questions to be answered.

- (2) In estimating the value of the answers to the above questions special attention will be paid to the handling of the facts and the quality of the work rather than to an enumeration of facts merely.
- (3) The judicious use of diagrams will be considered of special importance.

## MATERIA MEDICA AND THERAPEUTICS.

Examiner . . . . . Prof. Jas. Stewart, M.D.

1. Name the drugs that influence the secretion of bile.

What practical applications can be made of agents possessing these properties?

2. Describe fully two or more methods by which the following drugs may be introduced into the circulation: Mercury, Iodine, Cod Liver Oil, Iron, and Arsenic.

3. What symptoms result from the deposition of Lead, Mercury and Arsenic in the different tissues?

What tissues are especially liable to be the seat of these poisons? What measures would you resort to to get rid of them?

- 4. Compare the antipyretic actions of Quinine, Salicylic Acid, Antipyrin and Thallin.
- 5. Compare the purgative actions of Castor Oil, Elaterium, Iridin and Sulphate of Magnesia.
  - 6. Mention the more important uses of Iron and Arsenic. Compare the hæmatinic action of these agents.

#### ANATOMY.

- 1. Give a short description of the course and relations of the large vessels entering the right auricle of the Heart, and mention their mode of formation.
  - 2. Give the dissection necessary to expose the ulnar artery.
  - 3. Œsophagus, its course and relations.
- 4. Name, in their proper order, the muscles forming the boundaries of the Popliteal space, and give the origin, insertion, actions and nerve supply of each muscle mentioned.
- 5. Mention the Bones entering into the formation of the Ankle Joint, and give a short description of one of them.
  - 6. Describe the course and distribution of the Hypoglossal nerve.

#### PRACTICAL ANATOMY.

THE DEMONSTRATOR'S PRIZE.

(Second Year.)

1. The head being divided in the middle line, give, in their order, the

parts found in dissecting from within outwards to the surface, the region bounded by the horizontal plate of the ethmoid and body of the sphenoid above, the palate below, the posterior border of the internal pterygoid plate behind, and the nasal duct in front.

- 2. Describe that portion of the under surface of the base of the skull which is bounded in front by a horizontal line drawn through the roots of the pterygoid plates and behind by a line between the points of the mastoid processes; and then mention in their order from before backwards the several structures in direct relation.
- 3. A horizontal section of the thorax is made at the level of the 4th costal cartilage. Name in order the parts divided.

#### FIRST ASSISTANT DEMONSTRATOR'S PRIZE.

#### (First Year.)

- 1. Mention, in their order, the grooves on the lower end of the radius, and tendons corresponding to each.
- 2. State what muscle separates the teres minor from teres major; describe the spaces left between the three muscles, and the vessels and nerves which pass through the spaces in question.
- 3. Describe in their relative positions, the parts exposed by removing the whole of the gluteus maximus.
- 4. What parts will be divided by a knife drawn directly from one maleolus to the other, across the sole of the foot, cutting to the bone?

#### CHEMISTRY.

#### THE SUTHERLAND MEDAL.

Examiner ..... Prof. Girdwood, M.D.

- 1. How would you determine the atomic weight, valence and equivalent weight of oxygen. Give the reasons for the processes employed.
- 2. What changes take place in (a) the simple and in (b) the compound battery during the evolution of one litre of oxygen from acidulated water?
- 3. Give a scientific arrangement of the oxides, showing their relation to water, and the combinations of their Hydrates with one another.
  - 4. Describe the periodic law of Mendelejeff.
  - 5. Describe the mode of estimating the quantity of urea in a given

# McGILL UNIVERSITY

ANNUAL CALENDAR.

# FACULTY OF MEDICINE.



55<sup>TH</sup> SESSION, 1887-88.

MONTREAL:
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## CALENDAR, 1887-88.

#### JULY, 1887

#### I Friday Saturday

#### 3 SUNDAY

- Monday Tuesday Wednesday
- Thursday Friday 9 Saturday

#### 10 SUNDAY

- 11 Monday
- 12 Tuesday Wednesday
- Thursday
- 15 Friday 16 Saturday

#### 17 SUNDAY

- 18 Monday
- Tuesday 10 20 Wednesday
- 21 Thursday
- 22 Friday
- 23 Saturday

#### 24 SUNDAY

- 25 Monday 26 Tuesday
- Wednesday 28 Thursday
- 20 Friday 30 Saturday

#### 31 SUNDAY

#### Summer Session ends.

Dr. N. Robertson died, 1884.

Seventh Sunday after Trinity

Malpighi died, 1694.

- - 2 Friday 3 Saturday

- Monday Tuesday
- Wednesday
- 7 Wednesday 8 Thursday 9 Friday 10 Saturday

#### SUNDAY

- 12 Monday Tuesday
- Wednesday Thursday
- 16 Friday 17 Saturday

#### 18 SUNDAY

- 19 Monday 20 Tuesday
- 21 Wednesday 22 Thursday 23 Friday

#### 24 Saturday 25 SUNDAY

- 26 Monday Tuesday
- 27 Tuesday 28 Wednesday 29 Thursday
- 30 Friday

#### SEPTEMBER, 1887.

- Thursday
- - Galvani born, 1737. Candidates for matriculation of Provincial Medical Board
    - to send fee (\$10) to Dr. Belleau, Quebec. Candidates for their licence to send fee (\$20) and credentials.
  - Matriculation Exam. begins, High Sc., Peel street.
  - Matriculation examinations of C. P. & S. of Quebec (Provincial Board) at Quebec.
  - Register opens.
  - College of Physicians and Surgeons of Province of Quebec meets at Quebec.

#### AUGUST, 1887.

#### 1 Monday

- Tuesday Wednesday
- Thursday
- Friday 6 Saturday

#### 7 SUNDAY

- 8 Monday 9 Tuesday
- 10 Wednesday
- 12 Friday 13 Saturday

#### 14 SUNDAY

- 15 Monday 16 Tuesday
- 17 Wednesday 18 Thursday
- 19 Friday
- 20 Saturday

#### 21 SUNDAY

- 22 Monday
- Tuesday Wednesday Thursday
- 26 Friday
- 27 Saturday

#### 28 SUNDAY

- 29 Monday 30 Tuesday
- 31 Wednesday

#### Duverney born, 1648.

#### Lavoisier born, 1743.

- Sir A. Cooper born, 1768
- Eleventh Sunday after Trin ity. Hey born, 1736.
- Goethe born, 1749.

#### OCTOBER, 1887

- 1 Saturday 2 SUNDAY
- 3 Monday
- Tuesday Wednesday
- Thursday 7 Friday 8 Saturday

- 9 SUNDAY
- 10 Monday Tuesday
- 12 Wednesday
- Thursday 13 14 Friday 15 Saturday

#### 16 SUNDAY

- 17 Monday 18 Tuesday
- 19 Wednesday 20 Thursday 21 Friday 22 Saturday

#### 23 SUNDAY

- 24 Monday
- Tuesday 26 Wednesday
- Thursday 27 Thurso
- 29 Saturday

#### 30 SUNDAY

31 Monday

- McGill Medical Society semiannual meeting.
- Session opens.
- Jas. McGillborn, 1744. Foun
  - der's day. Prof. Holmes died, 1860. Fallopius died, 1562.
  - Vesalius died, 1564
  - Reamur died, 1757.

  - Baillie born, 1761.
- All Hallows Eve All Saints' Day. Lectures began in Montreal Medica

Institution in 1824.

First lectures delivered in Med. Faculty, 1829. Bichat born, 1771.

Radcliffe born, 1650.

- I Tuesday
- Wednesday 3 Thursday
- Friday 5 Saturday
- Monday 7 Monday 8 Tuesday
- 9 Wednesday
- 10 Thursday II Friday
- 12 Saturday
- 14 Monday
- 15 Tuesday 16 Wednesday Thursday
- 17 Thurso 19 Saturday
- 21 Monday
- 22 Tuesday 23 Wednesday 24 Thursday Friday
- 26 Saturday
- 28 Monday 20 Tuesday
- 30 Wednesday

- 2 Monday
- Tuesday Wednesday
- Thursday 5 Thurse 6 Friday
- 7 Saturday 8 SUNDAY
- 9 Monday Tuesday
- Wednesday
  Thursday 13 Friday 14 Saturday
- 15 SUNDAY
- 16 Monday
  - Tuesday 17 Tuesday 18 Wednesday
- 19 Thursday 20 Friday
- 21 Saturday
- 23 Monday
  - Tuesday 24 Wednesday 25
  - 26 Thursday Friday
  - 27 Friday 28 Saturday
- 29 SUNDAY
- 30 Monday 31 Tuesday

- 1 SUNDAY Lectures resumed in Medical
  - Faculty.
  - Linacre born, 1460
  - Lower born, 1653

  - Dr. Wm. Caldwell died, 1833.
  - Charter granted to Montreal General Hospital, 1823.

#### DECEMBER, 1887

- I Thursday
- 3 Saturday

- 7 Wednesday 8 Thursday
- 10 Saturday
- 11 SUNDAY
- 12 Monday
- 15 Thursd 16 Friday
- 18 SUNDAY
- 19 Monday 20 Tuesday
- 21 Wednesday 22 Thursday
- 23 Friday
- 24 Saturday
- 25 SUNDAY
- 26 Monday Tuesday 27 Tuesday 28 Wednesday
- 29 Thursday
- 30 Friday I Saturday

- 2 Friday
- Monday
- Tuesday Wednesday
- 9 Friday

- 13 Tuesday 14 Wednesday 15 Thursday
- Class Examinations. James McGill died, 1813. 17 Saturday

  - Pott died, 1788. Lectures close for the term.

Christmas Exam. in Botany.

- Christmas. Peyer born, 1653.
- Boerhaave born, 1688.

Willis born, 1622.

Prof. Sutherland died, 1875.

John Hunter born, 1728.

Laennec born, 1781.

examinations.

Assessors of C.P. & S. of the

Province to be notified of

- Wednesday Thursday
- 3 Friday 4 Saturday
- 5 SUNDAY
- 6 Monday
- Tuesday 7 Tuesday 8 Wednesday
- 9 Thursday
- 10 Friday 11 Saturday
- 12 SUNDAY
- 13 Monday
- Tuesday Wednesday
- 16 Thursday 17 Friday
- 18 Saturday
- 19 SUNDAY 20 Monday
- 21 Tuesday 22 Wednesday
- 23 Thursday 24 Friday
- 25 Saturday
- 26 SUNDAY
- 29 Monday 28 Tuesday 29 Wednesday
- Abernethy born, 1697. Albinus born, 1697
- Morgagni born, 1682

#### MARCH, 1888 I Thursday 2 Friday I Tuesday 3 Saturday 2 Wednesday fee, \$10, to Dr. F.W. Campbell, Montreal. Candidates for License to send fee, \$20, 4 SUNDAY 5 Monday and credentials Tuesday Thursday Matriculation Examination of Wednesday 7 Wednesday 8 Thursday Friday Quebec Medical Board at Montreal Saturday 9 Friday SUNDAY 10 Saturday 7 Monday 8 Tuesday 11 SUNDAY 12 Monday Clinical Examinations. 9 Wednesday Semi-annual Meeting of Que-bec Med. Board at Montreal. 10 Thursday 13 Tuesday Wednesday Thursday II Friday 15 Thursd 16 Friday 12 Saturday SUNDAY 17 Saturday 14 Monday Ed. Jenner born, 1749. Heberden born, 1710. 18 SUNDAY 15 Tuesday 16 Wednesday 19 Monday 17 Thurso 20 Tuesday Thursday 21 Wednesday 22 Thursday Lectures close. 19 Saturday Primary and Final 23 Friday Written Examinations. 20 SUNDAY 24 Saturday 21 Monday 25 SUNDAY 22 Tuesday Professor Scott died, 1883. 23 Wednesday 24 Thursday 26 Monday Primary and Final Tuesday Oral Examinations. Wednesday 25 Friday 20 Thursday 26 Saturday 30 Friday SUNDAY 31 Saturday Convocation for Medical 28 Monday Prof. G. W. Campbell died Degrees. 29 Tuesday 30 Wednesday 31 Thursday APRIL, 1888. JUNE, 1888 1 SUNDAY I Friday 2 Monday 2 Saturday Tuesday Wednesday 3 SUNDAY Thursday Corner-stone of Montreal Gen-5 Thurse 6 Friday eral Hospital laid, 1821. 4 Monday 7 Saturday Tuesday Wednesday SUNDAY Thursday Eustachius died, 1574. o Monday Friday Tuesday Io Summer Session begins. o Saturday Wednesday 12 Thursday 10 SUNDAY Sydenham born, 1624. Friday 13 II Monday 14 Saturday Annual Meet'g McGill Medi-12 Tuesday 13 Wednesday cal Society. 15 SUNDAY Thursday 14 Friday 16 Monday 16 Saturday Rolando born, 1773. Tuesday Petit born, 1760. SUNDAY Wednesday 19 Thursday 18 Monday 20 Friday Tuesday 21 Saturday 20 Wednesday Orfila born, 1787. Thursday 21 22 SUNDAY 22 Friday 23 Monday 23 Saturday Tuesday 24 24 SUNDAY Wednesday Thursday 26 25 Monday 27 Friday 28 Saturday 26 Tuesday Montreal Medical Institution became Med. Faculty, 1820. Wednesday 29 SUNDAY 27 Wednesd: 28 Thursday 30 Monday 29 Friday Candidates for Matriculation 30 Saturday Summer Session closes. of Provincial Board to send

# Library.

The Librarian of the Faculty of Medicine has pleasure in acknowledging the following donations to the Library during the year ending 30th April, 1887:—

From Dr. J. C. Cameron:—	
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The Upper Canada Journal, 1851-54 3	46
The Dominion Medical Journal. Vols. 1-12	
Medico-Legal Papers. 1st, 2nd and 3rd Series 3	44
The Journal of Mental Sciences 10	"
Brain. A Journal of Neurology 7	**
The Medico-Legal Journal 5	"
Transactions of American Medical Association, 1848-76 24	"
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" Dr. T. Wesley Mills.—Outlines of Physiology 1	"
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" Dr. F. J. Shepherd.—A Retrospect of Surgery, 1881-85 1	6.
New York Medical Record, 1886 2	"
" Canada Medical and Surgical Journal.—Index Catalogue of	
the Surgeon-General's Library, Washington 7	"
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tiones Anatomæ Universalis 1	66
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#### PRINCIPAL:

SIR WILLIAM DAWSON, M.A., LL.D., F.R.S., C.M.G., Vice-Chancellor.

(The Principal has, under the Statutes, the general superintendence of all affairs of the College and University, under such regulations as may be in force.)

#### FELLOWS:

HENRY ASPINWALL HOWE, LL.D., Governors' Fellow. Rev. JOHN COOK, D.D., Principal of Morrin College, Quebe c.

ALEXANDER JOHNSON, M.A., LL.D., Vice-Principal and Dean of the Faculty of Arts, Governors' Fellow.

REV. GEORGE CORNISH, M.A., LL.D., Elective Fellow, Faculty of Arts. Rev. D. H. MacVICAR, D.D., LL.D., Principal of the Presbyterian College, Montreal.

JOHN REDPATH DOUGALL, M.A., Representative Fellow in Arts. WILLIAM H. KERR, Q.C., D.C.L., Dean of the Faculty of Law. Rev. J. CLARK MURRAY, LL.D., Elective Fellow, Faculty of Arts. HENRY T. BOVEY, M.A., C.E., Dean of the Faculty of Applied Science.

BERNARD J. HARRINGTON, B.A., Ph.D., Elective Fellow, Fac. App. Science.

REV. E. I. REXFORD, B.A., Governors' Fellow.

REV. JOHN JENKINS, D.D., LL.D., Governors' Fellow.

REV. CANON HENDERSON, M.A., Principal of the Montreal Diocesan Theological College.

REV. GEORGE DOUGLAS, LL.D., Principal of the Montreal Wesleyan Theological College.

J. S. ARCHIBALD, M.A., B.C.L., Elective Fellow, Faculty of Law.

GEORGE ROSS, M.A., M.D., Elective Fellow, Faculty of Medicine. JOHN S. HALL, B.A., B.C.L., Representative Fellow in Law.

Rev. R. W. NORMAN, M.A., D.C.L., Chairman of Protestant Board of School Commissioners.

R. P. HOWARD, M.D., LL.D., Dean of Faculty of Medicine. S. P. ROBINS, M.A., LL.D., Principal of McGill Normal School.

A. W. BANNISTER, B.A., Principal of St. Francis College.

FREDERICK W. KELLY, B.A., Ph.D., Representative Fellow in Arts.

REV. JAMES BARCLAY, B.A., Governors' Fellow.

ROBERT CRAIK, M.D., Representative Fellow in Medicine.

THOMAS A. RODGER, M.D., Representative Fellow in Medicine.

JEFFREY H. BURLAND, B.A.Sc., Representative Fellow in Applied Science.

MATTHEW HUTCHISON, B.C.L., Representative Fellow in Law. WILFRID T. SKAIFE, B.A.Sc., Representative Fellow in Applied Science.

(The Governors, Principal and Fellows constitute, under the Charter, the Corporation of the University, which has the power, under the Statutes, to frame regulations touching Courses of Study, Matriculation, Graduation and other Educational matters; and to grant Degrees.)

## SECRETARY, REGISTRAR AND BURSAR:

[And Secretary of the Royal Institution.]

WILLIAM CRAIG BAYNES, B.A., Cantab; Residence and Office, East Wing, McGill College; office hours, 10 to 2.

JAMES W. BRACKENRIDGE, B.C.L., Clerk; Residence, 107 Shuter Street; office hours, 9 to 5.

# General Statement.

## SESSION OF 1887-88.

The Fifty-fifth Session of the University, being the Thirty-fifth under the amended Charter, will commence in the Autumn of 1887.

By Virtue of the Royal Charter, granted in 1821, and amended in 1852, the Governors, Principal and Fellows of McGill College constitute the Corporation of the University; and, under the Statutes framed by the Board of Governors, with the approval of the Visitor, have the power of granting Degrees in all the Arts and Faculties, in McGill College, and Colleges affiliated thereto.

The Statutes and Regulations of the University have been framed on the most liberal principles, with the view of affording to all classes of persons the greatest possible facilities for the attainment of mental culture and professional training. In its religious character the University is Protestant, but not denominational; and while all possible attention will be given to the character and conduct of students, no interference with their peculiar religious views will be sanctioned.

The educational work of the University is carried on in McGill College, Montreal, and in the affiliated Colleges and Schools.

#### I.—McGILL COLLEGE.

The Faculty of Arts.—The complete course of study extends over four Sessions, of eight months each; and includes Classics and Mathematics, Experimental Physics, English Literature, Logic, Mental and Moral Science, Natural Science, and one Modern Language, or Hebrew. The course of study is, with few exceptions, the same for all students in the first two years; but in the third and fourth years extensive options are allowed, more especially in favour of the Honour Courses in Classics, Mathematics, Mental and Moral Science, Natural Science, English Literature and Modern Languages. Certain exemptions are allowed to professional students. The course of study leads to the Degrees of B.A., M.A., and LL.D.

THE DONALDA SPECIAL COURSE IN ARTS provides for the education of women, with course of study, exemptions and honours similar to those for men.

THE FACULTY OF APPLIED SCIENCE provides a thorough professional training, extending over three or four years, in Civil Engineering, Mechanical Engineering, Mining Engineering and Assaying, and Practical Chemistry, leading to the Degrees of Bachelor of Applied Science, Master of Engineering, and Master of Applied Science.

THE FACULTY OF MEDICINE.—The complete course of study in Medicine extends over four Sessions, of six months each, and one Summer Session of three months in the third Academic Year, and leads to the Degrees of M.D., C.M.

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THE FACULTY OF LAW.—The complete course in Law extends over three Sessions of six months each, and leads to the Degrees of B.C.L. and D.C.L.\*

## II.—AFFILIATED COLLEGES.

Students of Affiliated Colleges are matriculated in the University, and may pursue their course of study wholly in the Affiliated College, or in part in McGill College, and may come up to the University Examinations on the same terms with the Students of McGill College.

- MORRIN COLLEGE, Quebec.—Is affiliated in so far as regards Degrees in Arts and Law. (Detailed information may be obtained from Rev. John Cook, D.D., Principal.)
- St. Francis College, *Richmond*.—Is affiliated in so far as regards the Intermediate Examinations in Arts. (Detailed information may be obtained from Principal Bannister, B.A., Richmond, P.Q.)

## III —AFFILIATED THEOLOGICAL COLLEGES.

Affiliated Theological Colleges have the right of obtaining for their students the advantage, in whole or in part, of the course of study in Arts, with such facilities in regard to exemptions as may be agreed on.

THE CONGREGATIONAL COLLEGE OF BRITISH NORTH AMERICA, Montreal.

THE PRESBYTERIAN COLLEGE, MONTREAL, in connection with the Presbyterian Church in Canada.

THE DIOCESAN COLLEGE OF MONTREAL.

THE WESLEYAN COLLEGE OF MONTREAL.

## IV.-AFFILIATED SCHOOLS.

THE McGILL NORMAL School provides the training requisite for Teachers of Elementary and Model Schools and Academies. Teachers trained in this School are entitled to Provincial Diplomas.

THE MODEL SCHOOLS OF THE McGILL NORMAL SCHOOL are Elementary Schools, divided into a Boys' Department, Girls' Department, and Primary School.

COLLEGIATE INSTITUTES, ACADEMIES, and HIGH SCHOOLS may be affiliated in so far as regards Matriculation in Arts and Applied Science, under the University regulations. The following are at present so recognised:—

Prince of Wales College, Charlottetown, P.E.I.; Collegiate Institute, Hamilton, Ont.; Canadian Literary Institute, Woodstock, Ont.; High School, Montreal; Bishop's College School, Lennoxville; Girls' High School, Montreal; Lachute Academy; Knowlton Academy; Waterloo Academy; Lincoln College, Sorel; Cowansville Academy; Hawkesbury High School; Charleston Academy, Hatley.

<sup>\*</sup>Information respecting the Faculties and Departments will be found in the General Calendar of the University, and in the special announcements.

## faculty of Medicine.

SIR WILLIAM DAWSON, C.M.G., LL.D., F.R.S., Principal and Professor of Natural History.

R. PALMER HOWARD, M.D., LL.D., Dean of the Faculty.

#### EMERITUS PROFESSORS.

WILLIAM WRIGHT, M.D., Materia Medica, 84 St. Famille Street.

DUNCAN C. MACCALLUM, M.D., Midwifery, 45 Union Avenue.

ROBERT CRAIK, M.D., Chemistry, Treasurer of the Faculty, 2 Cathcart Street.

#### PROFESSORS.

- R. PALMER HOWARD, M.D., LL.D., Dean of the Faculty, and Professor of Medicine, 47 Union Avenue.
- G. E. FENWICK, M.D., Professor of Surgery, 1404 St. Catherine Street.
- G. P. GIRDWOOD, M.D., Professor of Chemistry, 54 Beaver Hall Hill.

GEORGE Ross, M.A., M.D., Professor of Clinical Medicine, 49 Union Avenue.

THOMAS G. RODDICK, M.D., Professor of Clinical Surgery, 80 Union Avenue.

WILLIAM GARDNER, M.D., Professor of Gynæcology, 109 Union Avenue.

Francis J. Shepherd, M.D., Professor of Anatomy and Librarian of the Faculty, 85 Mansfield Street.

Frank Buller, M.D., Professor of Ophthalmology and Otology, 838 Dorchester Street.

James Stewart, M.D., Professor of Pharmacology and Therapeutics, and Registrar of the Faculty, 873 Dorchester Street.

GEORGE WILKINS, M.D., Professor of Medical Jurisprudence, and Lecturer on Histology, 898 Dorchester Street.

D. P. PENHALLOW, B.Sc., Professor of Botany, 74 Shuter Street.

R. L. Macdonnell, B.A., M.D., Professor of Hygiene, and Demonstrator of Anatomy, 117 Metcalfe Street.

T. Wesley Mills, M.A., M.D., McGill College, Professor of Physiology.

James C. Cameron, M.D., Professor of Midwifery and Diseases of Infancy, 43 Belmont Park.

## DEMONSTRATORS, INSTRUCTORS, &c.

R. F. RUTTAN, B.A., M.D., Lecturer on Chemistry, McGill College.

WILLIAM R. SUTHERLAND, M.D., Assistant Demonstrator of Anatomy, and Curator of the Museum, 764 Sherbrooke Street.

GEORGE W. MAJOR, B.A., M.D., Instructor in Laryngology, 82 Union Avenue. ALEX. D. BLACKADER, B.A., M.D., Instructor in Diseases of Children, 70 Beaver Hall Hill.

ROBT. J. B. HOWARD, B.A., M.D., Assistant Demonstrator of Anatomy, 47 Union Avenue.

WYATT G. JOHNSTON, M.D., Demonstrator of Pathology, McGill College.

C. E. CAMERON, M.D., Registrar and Clinical Instructor to the Montreal Maternity, 87 Mansfield Street.

JAMES BELL, M.D., Assistant to the Chair of Clinical Surgery, 59 Beaver Hall Hill.

# McGill University.— Faculty of Medicine.

TIME TABLE—FIRST AND SECOND YEARS, 1886-87.

		1		THURSDAY.	FRIDAY.	SATURDAY.	
A.M.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAT.			
	Anatomy	Anatomy.	Anatomy.	Anatomy.	Anatomy.	Practical Physiology, II Year.	
9	Examination.		Practical Chemistry,	Practical Chemistry,	Practical Chemistry,	Practical Chemistry. Practical Physiology. Histology	
10	* Practical Chemistry, 2nd Year till 12 o'clock.	Practical Chemistry, II. Botany, 1st Year.	and Year.	Botany, 1st Year.		Demonstration.	
_	Out Patients.	Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Montreal Gen'l Hospital.	14
1	Montreal Gent		Physiology, II Year.	Physiology, I Year.	Physiology, 1 & II Year,		
P.M.	nysiology Examination II Year.	il Year.	II Ica.		Chemistry.		
-	Chemistry Examination.	Chemistry.	Chemistry.	Chemistry.			
3	Therapeutics	Therapeutics. Physiology, I Year.	Therapeutics. Physiology, I Year.	Therapeutics.	Therapeutics. Histology Lecture, I Year.		
4	Physiology, I Year.	Practical Histology.		Practical Histology.			
4 to	6		- I A -stomy	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	
10 to	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.		ar an on the same		-

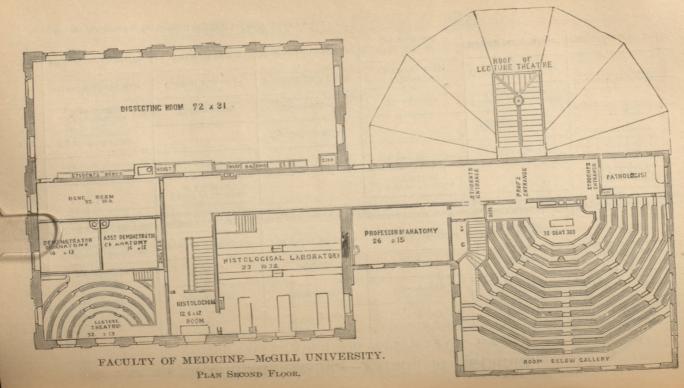
## McGill University.— faculty of Medicine.

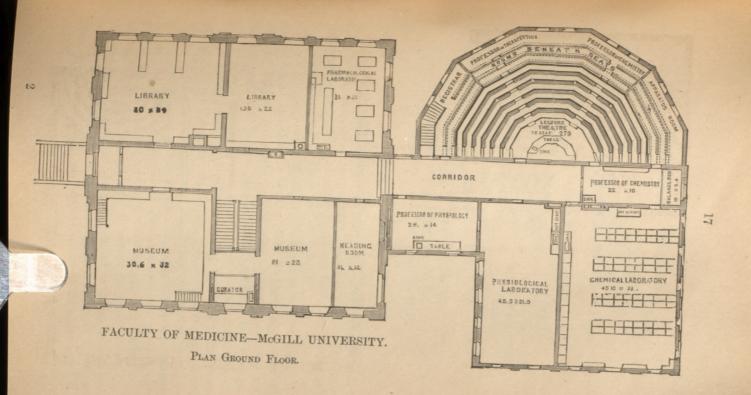
TIME TABLE—THIRD AND FOURTH YEARS, 1886-87.

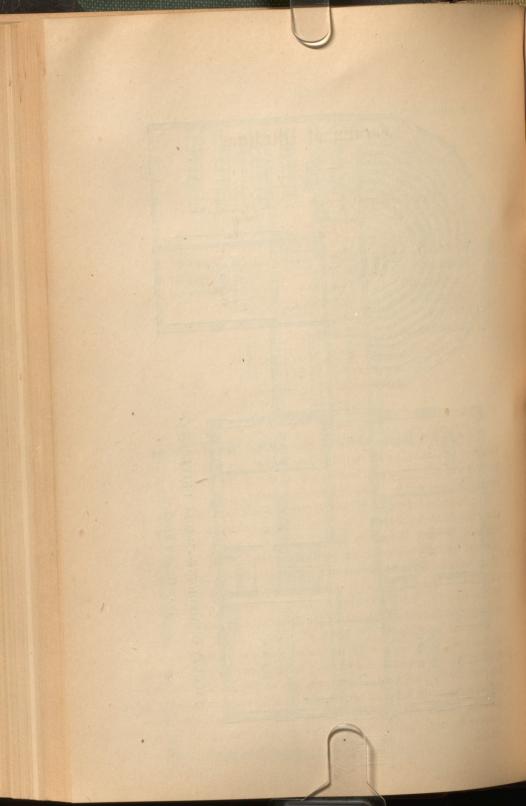
A.M.	Monday.	TUESDAY,	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Midwifery.	Gynæcology.	Midwifery.	Gynæcology.	Midwifery.	Midwifery, 4th Year only
10	Surgery, Examination.	Surgery.	Surgery.	Surgery.	Surgery.	Morbid Anatomy
11	Practice of Medicine, Examination.	Practice of Medicine.	Practice of Medicine.	Practice of Medicine.		Demonstrations.
P.M.	Medical Clinic, 4th Year. Surgical Clinic, 3rd Year.	Surgical Clinic, 4th Year			Practice of Medicine.	
1	Surgical Clinic, 3rd Year.	Clinic on Diseases	Surgical Clinic, 3rd Year		Surgical Clinic, 4th Year Surgical Clinic, 3rd Year	Surgical Clinic, 4th Year. Medical Clinic, 3rd Year.
2		of Children.		Clinic on Diseases of Children.		Clinic on Diseases of Children.
					Skin Clinic.	
2.30	Ophthalmic Clinic.		Ophthalmic Clinic.		Ophthalmic Clinic.	
4	Therapeutics Examination.	Therapeutics.	Therapeutics.	Therapeutics.	Clinical Therapeutics, At the Hospital,	
4	Gynæcological Clinic.	General Pathology.	Gynæcological Clinic.	Lecture on Ophthalmology	Gynæcological Clinic.	
5-6	Medical Jurisprudence.	Midwifery. 3rd Year only.	Medical Jurisprudence.		Medical Jurisprudence.	

Autopsies are performed at the General Hospital between 12 and 2 p.m.

10







## Faculty of Medicine.

THE PRINCIPAL (ex-officio) SIR WM. DAWSON.

### Professors:

WRIGHT. Ross, WILKINS, HOWARD, RODDICK, PENHALLOW, MACCALLUM, GARDNER, MACDONNELL, CRAIK, SHEPHERD, MILLS, FENWICK, BULLER. CAMERON. GIRDWOOD, STEWART,

Dean.—R. P. HOWARD, M.D. Registrar.—J. STEWART, M.D. Librarian.—F. J. SHEPHERD, M.D.

The Fifty-fifth Session of the Faculty will be opened on Monday, October 3rd, 1887, by an introductory lecture at 3 p.m. The regular lectures will begin on October 4th, at the hours specified in the time table, and will be continued for six months.

The Medical School of McGill University was founded in 1824 as the "Medical Institution" by Drs. John Stephenson, Andrew F. Holmes, William Robertson and William Caldwell. In 1829 the Medical Institution became the Medical Faculty of McGill College. There were no Sessions during the political troubles from 1836 to 1839, and it is owing to this gap that the present is the 55th Session of the Faculty. In reality this is the 59th Session of the school, which is the direct continuation of the Medical Institution.

The new building of the Medical Faculty, which was opened in the year 1885, is one of the most complete structures of its kind on this continent or elsewhere. It has been found admirably adapted for the fulfilment of the great aim of the Faculty—to make the teaching of the primary branches as practical and as thorough as possible. The facilities now possessed by the Faculty for the above purpose are equal to those of the most advanced European medical schools.

Through the great liberality of Sir Donald A. Smith in founding the "Leanchoil Endowment;" and of the citizens of Montreal and Medical Graduates in subscribing to the "Campbell Memorial Fund," the Faculty are enabled much more thoroughly to conduct and maintain the teaching of the different branches of the medical course in a state of efficiency.

### Laboratories, &c.

In addition to the laboratories and dissecting room, there are two large lecture rooms, each capable of comfortably seating 300 students, and one small demonstration room for classes of 50 and under. The space allotted to the library and museum has been largely increased. A large reading room, with waiting and cloak rooms, have been provided for students.

### Dissecting Room.

The Dissecting Room, which is situated on the second floor, is 76 feet in length and 31 feet in breadth. It is furnished with twenty tables, and is well lighted for work during the day and night. In procuring appliances for the comfort and convenience of the students, no reasonable expense has been spared.

In connection with the dissecting room, there is a "Bone room," where students have an excellent opportunity of studying osteology. There are also two distinct rooms for the demonstrators of anatomy.

## Physiological Laboratory.

The Physiological Laboratory, which is situated on the ground floor, is supplied with the most modern apparatus for the practical teaching of this most important branch of the medical curriculum. It contains amongst other valuable instruments: kymographs, various manometers, &c., for demonstrating blood pressure; myographs, rheocords, moist chambers, &c., and various electrical appliances for demonstrating experiments in connection with nerve and muscle; special apparatus for illustrating various points in respiration; apparatus specially suitable for demonstrating the processes of digestion, as well as the chemical composition and nature of the secretions, and the chief constituents of the tissues and nutritive fluids. The laboratory is arranged in such a way as to permit of students assisting at, and taking part in, these demonstrations. During the present summer considerable additions will be made to the physiological apparatus.

## Histological Laboratory.

The Histological Laboratory is a large, well lighted room on the second floor. It is so arranged that over eighty students can be present at the microscopical demonstrations. For this purpose it is supplied with thirty-five microscropes, all from the well-known makers, Zeiss, Hartnack and Leitz. From the large number of microscopes employed, students will have special facilities in studying and making themselves thoroughly acquainted with the specimens that are the subjects of demonstration.

## Pharmacological Laboratory.

The Pharmacological Laboratory is a large room situated on the ground floor, and is now furnished with the necessary appliances for the practical teaching of pharmacy. It is hoped that before another session passes away, the apparatus necessary for the demonstration of the more important actions of many drugs will be in possession of the Faculty.

### Chemical Laboratory.

The Chemical Laboratory is large, lofty, and well lighted, and can accommodate comfortably 76 men at one time. Each student, when entering on this course, has a numbered table in the laboratory assigned to him for his use during the session. Each table has its own gas and water fixtures, and is provided with shelves for its corresponding set of reagent-bottles, as well as a drawer and locker containing a modern set of chemical apparatus especially adapted for the work. This apparatus is provided by the Professor of Chemistry, and supplied to each student without extra charge. The student is only required to pay for apparatus broken or destroyed.

The laboratory is furnished with a large draught closet for ventilation, sulphuretted hydrogen apparatus, gas and combustion furnaces, &c., giving to the student unsurpassed advantages for acquiring a sound and practical knowledge of medical chemistry.

## Pathological Laboratory.

In the Pathological Laboratory accommodation will be provided for students or practitioners who desire to carry on private pathological research.

The recent additions made to the laboratory include a suite of rooms exclusively devoted to the study and culture of Bacteria, furnished with a complete outfit of the best modern apparatus for this purpose, including sterilizer, thermostat, &c., &c.

The demonstrations in Morbid Anatomy will be given in a small

laboratory specially arranged for the work.

The classes in Pathological Histology will be held in the Histological Laboratory.

The class tickets for the various courses are accepted as qualifying candidates for examination before the various Colleges and Licensing bodies of Great Britain and Ireland, and the College of Physicians and Surgeons of Ontario. The degree in Medicine of this University carries with it at the Licensing Boards of Great Britain the same exemptions in certain subjects as are granted to all colonial degrees.

To meet the circumstances of the General Practitioners in British North America, where there is no division of the profession into Physicians and Surgeons exclusively, the degree awarded upon graduation is that of "Doctor of Medicine and Master of Surgery," in accordance with the general nature and character of the curriculum, as fully specified hereafter. The degree is received by the College of Physicians and Surgeons of the Province of Quebec.

#### MATRICULATION.

It is very important that intending Students should bear in mind the following:—

- (1.) If residents of Ontario, and desirous of obtaining the license of that Province, they must conform to the regulations regarding the Preliminary Examination, and register before beginning their medical studies.
- (2.) If residents of the Province of Quebec, and desirous of obtaining the license of that Province, they must pass the Matriculation Examination of the Quebec Medical Board before beginning their medical studies.
- (3.) Residents of the Maritime Provinces, and of Manitoba, may present themselves before the Local Medical Boards for the Preliminary Examination. Where the Examination and Standard are equivalent to those of this University, a certificate (bearing the standing of the candidate in the various subjects) will be accepted, and the student may register without further examination or fee.

Graduates in Arts are exempt from the Matriculation.

### (A).—UNIVERSITY MATRICULATION EXAMINATION.

Students have the option of passing either the Arts or Medical Matriculation of this University. The latter is the same as that recommended by the Medical Council of Great Britain. Examinations in conformity therewith will be held the last Friday and Saturday in March and the third Friday and Saturday in September of each year. Applications may be made to the Registrar of the Faculty till the evening of the previous day. The requirements of the standard for Matriculation are:—(1) English Language, including Grammar and Composition.\* (2) English History. (3) Modern

<sup>\*</sup> The ability of the candidate will be fully tested in the following;—"(I) To write sentences in English on a given theme, attention being given to spelling and punctuation as well as to composition; (2) to write correctly from dictation;

Geography. (4) Latin, including Translation from the original and Grammar. (5) Elements of Mathematics, comprising (a) Arithmetic, including Vulgar and Decimal Fractions; (b) Algebra, including simple Equations; (c) Geometry, including the first two books of Euclid or the subjects thereof. (6) Elementary Mechanics of Solids and Fluids, comprising the elements of Statics, Dynamics and Hydrostatics. (7) One of the following optional subjects:—(a) Greek, (b) French, (c) German, (d) Italian, (e) any other modern language, (f) Logic, (g) Botany, (h) Elementary Chemistry.

Text-Books.—Latin,—Cicero, Orations 1 and 2 against Cataline; or Virgil, Æneid, Bk. I.

GREEK.—Xenophon, Anabasis, Bk. I., or equivalent.

FRENCH.—Charles XII., Two Books.

NATURAL PHILOSOPHY.—Ganot's Physics.

BOTANY.

ELEMENTARY CHEMISTRY.

## (B).—MATRICULATION EXAMINATION

OF THE

## COLLEGE OF PHYSICIANS AND SURGEONS OF QUEBEC,

COMPULSORY SUBJECTS.

- Latin.—Cæsar's Commentaries, Book V.—Virgil's Æneid, Book V.

  —The Odes of Horace, Book I.
- ENGLISH.—Sprague's "Six Selections from Washington Irving's Sketch Book."—A play of Shakespeare, viz., "The Tempest," for 1884; Richard III., for 1885; and "The Midsummer Night's Dream," for 1886; "As You Like It," for 1887.
- French.—Fénélon's "Aventures de Télémaque."—A French play, viz., Corneille's "Le Cid," 1884; Molliere's "Le Misanthrope," 1886, and Racine's "Esther" for 1887.

<sup>(3)</sup> to explain the grammatical construction of sentences; (4) to point out the grammatical errors in sentences ungrammatically composed, and to explain their nature; and (5) to give the derivation and definition of English words in common use."

- Belles Lettres.—Principles of the subject. History of the Literature of the age of Pericles in Greece, of Augustus in Rome, of Elizabeth in England, and Louis XIV. in France.
- HISTORY.—Outlines of the History of Greece and Rome, with particular knowledge of England, France and Canada.
- GEOGRAPHY.—A general view, with particular knowledge of England, France and North America.
- ARITHMETIC.—Must include Vulgar and Decimal Fractions, Simple and Compound Proportion, Interest and Percentages, and Square Root.
- ALGEBRA.—Must include Fractions and Simultaneous Equations of the First Degree.
- GEOMETRY.—Euclid, Books I., II., III., or the portion of Plane Geometry covered by those Books. Also the measurement of the lines, surfaces and volumes, of regular geometrical figures.

#### OPTIONAL SUBJECTS.

Greek.—Xenophon's Anabasis, Book I.—Homer's Iliad, Book I.

Physics.—Outlines of the subject, as in Ganot's Physics, translated by Atkinson.

Philosophy.—Elements of Logic and of Moral Philosophy, as in Jevon's Logic and Calderwood's Hand-book of Moral Philosophy.

The Examinations will be held upon the 22nd of September, 1887, at Quebec, and on the 3rd of May, 1888, at Montreal. Applications to be made to Dr. F. W. Campbell, Montreal, or Dr. Belleau, Quebec, either of whom will furnish schedule giving text books and percentage of marks to be obtained.

Examination Fee, ten dollars. Should the candidate be unsuccessful, one half of the fee will be returned.

Of the four years' study after having passed the Matriculation Examination, three six months' sessions, at least, must be attended at a University, College, or Incorporated School of Medicine, recognized by the "Provincial Medical Board." The first session must be attended during the year immediately succeeding the Matriculation Examination, and the final session must be in the 4th year.

## (c).-MATRICULATION EXAMINATION

OF THE

## COLLEGE OF PHYSICIANS AND SURGEONS OF ONTARIO.

On and after July 1st, 1887, every one desirous of being registered as a Matriculated Medical Student in the Register of this College, except as hereinafter provided, must present to the Registrar, Dr. Pyne, Toronto, the official certificate of having passed the 2nd class Teachers' examination with Latin option; whereupon he shall be entitled to be so registered upon the payment of twenty dollars and giving proof of his identity.

Graduates in Arts, or Students having matriculated in Arts in any University in Her Majesty's Dominions are not required to pass the 1 Matriculation Examination, but may register their names with the Registrar of the College, upon giving satisfactory evidence of their qualifications and upon paying the fee of twenty dollars.

II.

## ENREGISTRATION AND PAYMENT OF FEES.

The following are the University Regulations:-

All Students desirous of attending the Medical Lectures shall, at the commencement of each Session, enrol their names and residences in the Register of the Medical Faculty, and procure from the Registrar a ticket of Enregistration, for which each Student shall pay a fee of \$5; excepting in the Clinical Classes, in which Enregistration for Students of other Schools shall not be compulsory.

The said Register shall be closed on the last day of October in each year. The fees are payable to, and all class tickets will be issued by, the Registrar, and must be paid in advance (except under special circumstances) at the time of enregistration.

Enregistration in the Summer Session is compulsory upon all Students, whether attending one or more of the classes.



III.

### COURSES OF LECTURES.

#### ANATOMY.

PROFESSOR FRANCIS J. SHEPHERD.

John Stephenson, 1824. OLIVER T. BRUNEAU, 1842. WILLIAM E. SCOTT, 1856. Francis I. Shepherd, 1883.

Anatomy is taught in the most practical manner possible, and its relation to Medicine and Surgery fully considered. The lectures are illustrated by the fresh subject, moist and dry preparations, sections, models and plates, and drawings on the blackboard.

#### PRACTICAL ANATOMY.

Demonstrator - - - - RICHARD L. MACDONNELL.

Assistant Demonstrators - - { WILLIAM R. SUTHERLAND. R. J. B. HOWARD.

Special attention is devoted to this important branch, the teaching being similar to that of the best European schools. The Dissecting Room is open from 8 a.m. to 10 p.m.; the Demonstrators' hours are from 10 to 12 a.m., and 8 to 10 p.m. Special Demonstrations on the Brain, Thorax, Abdomen, Bones, &c., are frequently given. Every Student must be examined at least three times on each part dissected, and if the examinations are satisfactory a certificate is given. Prizes are awarded at the end of the Session for the best examination on the fresh subject. Abundance of material provided.

#### CHEMISTRY.

PROFESSOR GILBERT P. GIRDWOOD. LECTURER, R. F. RUTTAN.

Andrew F. Holmes, 1824. Archibald Hall, 1842.

WILLIAM SUTHERLAND, 1849.

2. ROBERT CRAIK, 1867.

GILBERT P. GIRDWOOD, 1879.

Inorganic Chemistry is fully treated; a large portion of the course is devoted to Organic Chemistry and its relations to Physiology.

The branches of Physics bearing upon or connected with Chemistry also engage the attention of the Class. For experimental illustration abundant apparatus is possessed by the College.

The Chemical Laboratory will be open to members of the class to repeat experiments performed during the course, under the superintendence of the Professor or his Assistant.

### PRACTICAL CHEMISTRY.

PROFESSOR GILBERT P. GIRDWOOD.

LECTURER, R. F. RUTTAN.

The course in practical chemistry includes two hours' laboratory work three times a week for three months. The Students are instructed individually in chemical manipulations, blow-pipe analysis, and qualitative determination of the salts, acids, &c., they will require to use in practice. He is required before finishing his course to be familiar with the principles of practical Forensic and Sanitary Chemistry. Special attention is directed to instructing the Student in making accurate notes of his experiments and his conclusions. These notes are examined daily and criticised.

#### PHYSIOLOGY.

PROFESSOR T. WESLEY MILLS.

JOHN STEPHENSON, 1824.
STEPHEN C. SEWELL, 1842.
ROBERT L. MACDONNELL, 1845.

WILLIAM FRASER, 1849. JOSEPH M. DRAKE, 1872. WILLIAM OSLER, 1874.

T. WESLEY MILLS, 1886.

The purpose of this Course is to make Students thoroughly acquainted, as far as time permits, with modern Physiology: its methods, its deductions, and the basis on which the latter rest. Accordingly a full course of lectures is given, in which both the Experimental and Chemical departments of the subject receive attention.

In addition to the use of diagrams, plates, models, &c., every department of the subject is experimentally illustrated. The experiments are free from elaborate *technique*, and many of them are of a kind susceptible of ready imitation by the Student.

## Laboratory work for Senior Students:-

- (1.) During the first part of the Session there will be a course on Physiological Chemistry, in which the Student will, under direction, investigate food stuffs, digestive action, blood, and the more important secretions and excretions, including urine. All the apparatus and material for this course will be provided. Fee \$6.
- (2.) The remainder of the Session will be devoted to the performance of such experiments as are unsuitable for demonstration to a large class in the lecture room, and such as require the use of elaborate methods, apparatus, &c.\* There will be no extra fee for this part of the course.

#### HISTOLOGY.

#### PROFESSOR GEO. WILKINS.

This will consist of a course of ten lectures and twenty-five weekly demonstrations with the Microscope. As the demonstrations will be chiefly relied upon for teaching the Microscopic Anatomy of the various structures, the specimens under observation will then be minutely described. Plates and diagrams specially prepared for these lectures will be freely made use of.

Practical Histology.—This is an optional course given by Prof. Wilkins for the purpose, more especially, of teaching Microscopy. It will consist of twenty-five lessons of two hours each. Each Student will be provided with a Microscope and shewn how to use it, and also how to cut, stain and mount specimens for microscopical investigation.

For the purpose of enabling students to observe the different effects of staining, &c., on diseased and healthy structures, a few diseased specimens will be given them to prepare, at the latter part of the course. Students are at liberty to keep all the specimens they prepare. One of the great advantages of this course is that Students will be able to collect a cabinet of 100 or more specimens for reference at any time; these, besides being of great help to them during

<sup>\*</sup> In selecting those who shall join in this course, preference will be given to Students who have been most devoted and successful in the pursuit of Physiology during their first year.

their College course, they will find especially useful when in active practice for the purpose of comparison with diseased growths. Reagents, and everything except cover-glasses and cabinet cases, provided. Fee, \$12.

## THE MICROSCOPE IN MEDICINE.

DRS. WILKINS and W. G. JOHNSTON.

This is an optional class for third and fourth year Students, and has been divided into two courses. (1) Pathological Histology, 20 lessons (two hours each) given during the winter, in which special attention will be paid to the microscopical study of pathological anatomy, and methods of preparing specimens. Each student will prepare and mount for himself a cabinet of 100 specimens illustrating all the principal lesions of disease. (2) Clinical Microscopy, 20 lessons in the summer session, affording a systematic training in the use of the microscope in the diagnosis of disease, the examination of urine, sputum, blood, pus, tumors and parasites of all kinds. Fee for either course alone \$12, for both courses \$18.

## PHARMACOLOGY AND THERAPEUTICS.

PROFESSOR JAMES STEWART.

Andrew F. Holmes, 1824. Archibald Hall, 1835. Stephen C. Sewell, 1842. A. Hall, 1849. William Wright, 1854. James Stewart, 1883.

The course on this subject deals for the most part with the pharmacology and therapeutics of the different medicinal agents. A good deal of attention will be given to the "untoward effects" of drugs, and when possible these effects will be illustrated by the exhibition of living specimens.

The leading officinal agents of the British Pharmacopœia will be fully considered, as will also those drugs of recent introduction into practice which have been found useful, but have not, as yet, found their way into the Pharmacopœia. The following groups of medicinal agents will, on account of their great importance, receive special attention:—I, Cardiac Tonics; 2, Cardiac Depressants; 3, Motor Stimulants; 4, Motor Depressants; 5, Anæsthetics; 6, Analgesics; 7, Mydriatics; 8, Alteratives; 9, Hæmatinics; 10, Astring-

ents; 11, Purgatives; 12, Digestants; 13, Nutritives; 14, Antiseptics; 15, Antipyretics; 16, Diuretics.

Electro-therapeutics will also be dealt with.

#### MEDICINE.

PROFESSOR R. PALMER HOWARD.

WILLIAM CALDWELL, 1824. ANDREW F. HOLMES, 1842. WILLIAM ROBERTSON, 1833. R. PALMER HOWARD, 1860.

While the lectures on this subject are mainly devoted to Special Pathology and Therapeutics, no opportunity is lost of illustrating and explaining the *general* laws of disease. With the exception of certain affections seldom or never observed in this country, all the important internal diseases of the body, except those peculiar to Women and children, are discussed, and their Pathological Anatomy illustrated by the large collection of morbid preparations in the University Museum, and by fresh specimens contributed by the Demonstrator of Morbid Anatomy.

The College possesses an extensive series of Anatomical plates illustrative of the Histological and Anatomical appearances of disease, and the wards of the General Hospital afford the lecturer ample opportunities to refer to living examples of very many of the maladies he describes, and to give the results of treatment.

#### CLINICAL MEDICINE.

PROFESSOR GEORGE ROSS.

Jas. Crawford, 1845 and 1852.

ROBT. L. MACDONNELL, 1849.

STEPHEN C. SEWELL, 1850.

R. PALMER HOWARD, 1856.

DUNCAN C. MACCALLUM, 1860.

JOSEPH M. DRAKE, 1868.

GEORGE Ross, 1872.

Attendance is given in the Medical Wards of the Montreal General Hospital on three days of every week with the 3rd year students, and three days with those of the 4th year. Accurate reports of all cases are kept by duly appointed clinical clerks, and are systematically read before the class. Instruction is given at the bedside, and special inducements are offered to every pupil to take part in the physical examination of patients. The mode of conducting investigations, the use of the microscope, the value of the thermo-

meter and ophthalmoscope, &c., in medical diagnosis, are all explained and illustrated. Senior Students are called upon in rotation to examine new cases before the class, and to be examined thereon as to their general knowledge. In addition, one weekly Clinical Lecture is delivered, bearing upon some case or cases of importance which may happen to be under observation at the time. Special attention is directed to Medical Anatomy, and candidates for the degree will be examined thereon.

#### SURGERY.

PROFESSOR GEO. E. FENWICK.

JOHN STEPHENSON, 1824. G. W. CAMPBELL, 1835. GEO. E. FENWICK, 1875.

The first part of this course consists of Surgical Pathology, illustrated by a large collection of preparations from the College Museum, also specimens as they are obtained from cases under observation at the Hospital, and contributed to that collection by the Hospital pathologist and from private sources. The second part of the course is devoted to the practice of Surgery, in which attention is drawn to cases which have been observed by the class during the previous summer session. The various surgical appliances are exhibited, and their uses and application explained. Surgical Anatomy and Operative Surgery form a special department of this course, and Quain's and Maclise's plates are used in illustration.

#### CLINICAL SURGERY.

PROFESSOR THOMAS G. RODDICK.

James Crawford, 1845. Robert Craik, 1860.
WILLIAM E. SCOTT, 1852. George E. Fenwick, 1867.
Duncan C. MacCallum, 1856. Thomas G. Roddick, 1875.

This course is eminently practical, consisting of bedside instruction and lectures delivered weekly, illustrative of surgical cases actually present in the wards of the General Hospital. The class is separated into junior and senior divisions which are taken charge of by the Professor on alternate days, when the reports of the Clinical clerks are read and criticised, and fresh cases are examined by the senior students. The surgical dressings are, as much as possible, reserved for these occasions, so as to the senior and opportunity

of participating in the application of splints to fractures, dressing of wounds, minor operations, &c. Major operations are performed in the theatre attached to the Hospital, which is so constructed that the most distant can obtain a fair view of the operations. All the recently invented appliances for the treatment of surgical disease have been introduced into the Hospital.

#### MIDWIFERY.

## PROFESSOR J. C. CAMERON.

WILLIAM ROBERTSON, 1824.

JOHN RACEY, 1833.

GEO. W. CAMPBELL, 1835.

MICHAEL McCulloch, 1842.

ARCHIBALD HALL, 1854.

DUNCAN C. MacCallum, 1868.

ARTHUR A. BROWNE, 1883.

J. C. CAMERON, 1886.

This course will embrace: 1. Lectures on the principles and practice of the obstetric art, illustrated by diagrams, fresh and preserved specimens, the artificial pelvis, complete set of models illustrating deformities of the pelvis, wax preparations, bronze mechanical pelvis, &c. 2. Bedside instruction in the Montreal Maternity, including the management and after-treatment of cases. 3. A complete course on obstetric operations with the phantom and preserved fœtuses. 4. The Diseases of Infancy.

#### GYNÆCOLOGY.

### PROFESSOR WM. GARDNER, 1883.

The course on this subject will comprise two lectures a week throughout the session. The anatomy and physiology of the parts concerned will be first discussed. Then the various methods of examination will be fully described, the necessary instruments exhibited, and their uses explained. After this, the diseases peculiar to the sex will be considered as fully as time will permit, in the following order:—Disorders of Menstruation; Leucorrhœa, its causes and treatment; Pelvic Cellulitis and Peritonitis; Lacerations of the Cervix Uteri and Perineum; Urinary and Fæcal Fistulæ; Inflammations of the Uterus; Displacements of the Uterus; Tumors of the Uterus: Diseases of the Ovaries.

The lectures will be illustrated as fully as possible by drawings and morbid specimens. The Gynæcological Clinic of the General Hospital furnishes the Professor with ample material to illustrate the subjects considered in the didactic lectures.

## MEDICAL JURISPRUDENCE.

PROFESSOR GEO. WILKINS.

WILLIAM FRASER, 1845.
FRANCIS BADGLEY, 1849.
FRANCIS C. T. ARNOLDI, 1850.
WILLIAM E. SCOTT, 1851.
WILLIAM WRIGHT, 1852.

R. Palmer Howard, 1854.

Duncan C. MacCallum, 1860.

George E. Fenwick, 1867.

William Gardner, 1875.

George Wilkins, 1883.

This course includes Insanity, the subject being treated of in its Medical as well as Medico-Legal aspects. Special attention is devoted to the subject of blood stains the Clinical, Microscopic and Spectroscopic tests for which are fully described and shown to the class. The various spectra of blood in its different conditions are shewn by Zeiss' Microspectroscope, so well adapted for shewing the reactions with exceedingly minute quantities of suspected material. Recent researches in the diagnosis of human from animal blood are alluded to. In addition to the other subjects usually included in a course of this kind, Toxicology is taken up. The modes of action of poisons, general evidence of poisoning and classification of poisons are first treated of, after which the more common poisons are described, with reference to symptoms, post-mortem appearances, and chemical tests. The post-mortem appearances are illustrated by plates, and the tests are shown to the class.

## OPHTHALMOLOGY AND OTOLOGY.

PROFESSOR FRANK BULLER, 1883.

. Will include a course of lectures on diseases of the Eye and the Ear, both Didactic and Clinical. In the former the general principles of diagnosis and treatment will be dealt with; in the latter, cases illustrative of the typical forms of ordinary diseases of these organs will be exhibited and explained to the class, and afterwards placed under the special care of gentlemen who may show themselves competent to take charge of them. A course of Operations on the cadaver will be open to such students as may wish to avail themselves of the same.

#### HYGIENE.

PROFESSOR R. L. MACDONNELL.

George Ross, 1871.

ROBERT T. GODFREY, 1875.

THOS. G. RODDICK, 1873.

WILLIAM GARDNER, 1879.

R. L. MACDONNELL, 1886.

This course of Lectures will be delivered during the summer session only. It comprises lectures on Drinking Water and Public Water Supplies; conditions of Soil and Water as affecting health, including Drainage and the various methods for the removal of Excreta; the Atmosphere, including Heating and Ventilation; Individual Hygiene, comprising the subjects of Food and Drink; Physical Exercise and Bathing; discussion of the respective merits of the various forms of each, precautions, contra-indications, &c. Village Sanitary Associations; Mutual Protective Sanitary Associations for cities.

#### BOTANY.

PROFESSOR D. P. PENHALLOW.

ANDREW F. HOLMES, 1829.

DR. PAPINEAU, 1845.

JAMES BARNSTON, 1857.

J. W. DAWSON, 1855.

D. P. PENHALLOW, 1883.

The course in Botany includes General Morphology, Histology, Physiology and Classification. It is designed to give special prominence to Physiology, which will be made comparative whenever practicable. The course is illustrated by the microscope and gas microscope, and by the collection, models and apparatus in the Peter Redpath Museum.\*

#### ZOOLOGY.

PROFESSOR SIR WILLIAM DAWSON.

This course includes a systematic study of the classification of animals, illustrated by Canadian examples and by the collections in the Peter Redpath Museum. It forms a suitable preparation for

<sup>\*</sup> Exemptions from Botany in the Matriculation, for Arts Students, do not entitle Students to exemptions in the First year.

collecting in any department of Canadian Zoology and Palæontology, and an introduction to Comparative Physiology. It may be taken instead of Botany, or along with it, without any additional fee.

Students in Botany or Zoology will receive tickets to the Peter Redpath Museum, and to the Museum of the Natural History Society of Montreal.

### PATHOLOGY.

W. G. JOHNSTON, DEMONSTRATOR.

This Course comprises :-

1. Twenty-five lectures on General Pathology to students of the 3rd year.

2. Pathological Demonstrations weekly—Saturday at 10 a.m. Specimens of all kinds collected during the week, and their gross and microscopic appearances are demonstrated to the final classes. In addition, special demonstrations in Pathological Histology are given throughout the session.

3. Instruction in Post-Mortems. The Autopsy Room of the General Hospital is in charge of the Demonstrator. The post-mortems are performed by the students in rotation under his direction, and systematic demonstrations of post-mortem methods, including those to be followed in Medico-Legal cases, will also be given.

# Extracts from the University Regulations with respect to the Courses of Lectures:-

1st. Each Professor shall deliver at least five Lectures during the week, except in Medical Jurisprudence and Botany, if extended through six months, in which case three Lectures a week will suffice.

2nd. Every Lecture shall be of one hour's duration.

3rd. Every Professor shall occasionally examine his class upon the subjects treated of in his preceding Lectures, and every such examination shall be considered as a Lecture.

4th. A roll of the names of the Students attending such class shall be called from time to time.

## QUALIFICATIONS FOR THE DEGREE.

The following are Extracts from the Regulations respecting the qualifications of Candidates for the Degree in Medicine:—

No one entering after October 1st, 1884, will be admitted to the Degree of Doctor of Medicine and Master of Surgery, who shall not have attended Lectures for a period of at least four six months' sessions and one three months' summer session\* in this University, or some other University, College or School of Medicine, approved of by this University.

2nd. Candidates for Final Examination shall furnish Testimonials of attendance on the following branches of Medical Education, viz.:—

ANATOMY.

PRACTICAL ANATOMY.

PHYSIOLOGY.

CHEMISTRY.

MATERIA MEDICA AND THERAPEUTICS.

PRINCIPLES AND PRACTICE OF SURGERY.
MIDWIFERY AND DISEASES OF WOMEN AND
CHILDREN.

THEORY AND PRACTICE OF MEDICINE. CLINICAL MEDICINE.

MEDICAL JURISPRUDENCE.

CLINICAL SURGERY.

PRACTICAL CHEMISTRY. BOTANY OR ZOOLOGY. HYGIENE.

HISTOLOGY.

GENERAL PATHOLOGY.

Of which One Course of Six Months, or Two Courses of Three Months will be required.

Of which Two Courses will be rerequired of Six Months' dura-

Of which One Course will be required of Three Months' duration.

Ten Lectures and Twenty-five Demonstrations.

Twenty-five Lectures.

Provided, however, that Testimonials equivalent to, though not precisely the same as those above stated, may be presented and accepted.

3rd. The Candidates must give proof by ticket of having attended during eighteen months the practice of the Montreal General Hospital, or that of some other Hospital approved of by this University, and have compounded medicines for six months.

4th. He must also give proof by ticket of having attended for at least six months the practice of the University or other Lying-in-Hospital approved of by this University, and of having attended at least six cases of labor.

5th. No one will be permitted to become a Candidate for examination who

<sup>\*</sup>To be taken after 3rd Winter Session.

shall not have attended at least one Session of this University, and one full course of all the branches included in its curriculum.

6th. Courses of less length than the above will only be received for the time over which they have extended.

7th. Students, except by special permission of the Faculty, must pursue the subjects of Anatomy, Chemistry, Histology and Botany in their first session, and are advised to take Physiology in addition.

8th. Candidates who fail to pass in a subject of which two courses are required must attend a third course, and furnish a certificate of attendance thereon.

A course in Practical Anatomy will be accepted as equivalent to a third course of lectures in General and Descriptive Anatomy.

9th. Supplemental examinations will not be granted except by special permission of the Medical Faculty, and on written application stating reasons.

10th. The requirements for the summer session, when as at present taken after the third winter session, shall be :-

- (a.) Daily Hospital attendance;
- (b.) Maternity attendance; and
- (c.) Any two weekly clinics in addition to the clinics on General Medicine and Surgery.

11th. Every Candidate for the Degree must, on or before the fifteenth of February, present to the Registrar of the Medical Faculty testimonials of his qualifcations, entitling him to an examination, and must at the same time deliver to the Registrar of the Faculty the following Certificate:-

MONTREAL, --- 13-

I, the undersigned, being desirous of obtaining the Degree of Doctor of Medicine and Master of Surgery, do hereby declare that I have attained the age of twenty-one years, or (if the case be otherwise), that I shall have attained the age of twenty-one years before the next graduation day, and that I am not (or shall not be at that time) under articles as a pupil or apprentice to any Physician, Surgeon, or Apothecary. (Signed),

12th. The trials to be undergone by the Candidate shall be such as are referred to under Section V.

13th. The following Oath or affirmation will be exacted from the Candidate before receiving his degree :-

#### SPONSIA ACADEMICA.

In Facultate Medicinæ Universitatis.

Ego, A-B-, Doctoratus in Arte Medica, titulo jam donandus, sancto coram Deo cordium scrutatore, spondeo;—me in omnibus grati animi officiis erga hanc Universitatem, ad extremum vitæ halitum, perseveraturum; tum porro artem medicam caute, caste, et probe exercitaturum; et quoad in me est, omnia ad ægrotorum corporum salutem conducentia, cum fide procuraturum; quæ denique, inter medendum, visa vel audita silere conveniat, none sine gravi causa vulgaturum. Ita præsens mihi spondenti adsit Numen.

14th. The fee for the Degree of Doctor of Medicine and Master of Surgery shall be thirty dollars, to be paid by the accessful candidate immediately after examination.

V.

#### EXAMINATIONS.

Weekly examinations are held to test the progress of the Student; and in addition two or three written examinations are given throughout the Session.

The examinations at the close of each Session are arranged as follows:—

#### First Year.

Pass Examination in BOTANY and HISTOLOGY.

Sessional Examination in ANATOMY, CHEMISTRY, and PHYSI-OLOGY.

A maximum of one hundred marks will be allowed for the Sessional Examination in each subject, which marks shall be reckoned in the ranking of the candidate after the examination of the following year.

#### Second Year.

Pass Examination in Anatomy, Chemistry, Practical Chemistry and Physiology.

Sessional Examination in PHARMACOLOGY and THERAPEUTICS.

One hundred marks will be allowed for the Sessional Examination, which marks shall be reckoned in the ranking of the candidate after the examination of the following year.

#### Third Year.

Pass Examination in Pharmacology and Therapeutics, Medical Jurisprudence, Hygiene\* and Pathology.

#### Fourth Year.

Pass Examination in Medicine, Surgery, Obstetrics, Clinical Medicine, Clinical Surgery.

By means of the above arrangement a certain definite amount of work must be accomplished in each year, and an equitable division is made between the Primary and Final branches.

With regard to the Primary Examination at the end of the second year, it remains optional with the Student whether he passes in all the branches or leaves two for the third year. In any case, Chemistry and one other must be taken at the close of the second year.

<sup>\*</sup> The examinations in Hygiene are held at the close of the summer session.

#### VI.

## MEDALS AND PRIZES.

1st. The Holmes Gold Medal, awarded to the Student of the graduating class who receives the highest aggregate number of marks for the best examinations, written and oral, in both Primary and Final branches.

The Student who gains the Holmes Medal has the option of exchanging it for a Bronze Medal, and the money equivalent of the Gold Medal.

2nd. A Prize in Books awarded for the best examination, written and oral, in the Final branches. The gold medallist is not permitted to compete for this prize.

3rd. A Prize in Books awarded for the best examination, written and oral, in the Primary branches.

4th. The Sutherland Gold Medal, awarded for the best examination in Theoretical and Practical Chemistry, together with creditable examination in the Primary branches.

5th. A Prize in Books for the best examination in Practical Anatomy.

6th. A Prize for best sessional examinations in Midwifery.

7th. Prizes in Botany.

A Prize in Books for the best examination.

\* A Prize of \$20 for the best named collection of Canadian plants.

#### VII.

#### FEES.

## Distributed according to years, the Class Fees are as follows:-

First Year.	\$12
Anatomy	. 12
Physiology	6
Histology	12
Chemistry	
Practical Anatomy	12
Botany	5
Dissecting Material	5
Enregistration	5
Total	\$69
Second Year.	\$12
Anatomy	12
Practical Anatomy	-

<sup>\*</sup> This Prize is open to both Medical and Art St. dents.

Physiology	
Chemistry	. 12
Practical Chemistry	· 12
Chemical Reagents *	. 12
Chemical Reagents * Materia Medica	. 3
Materia Medica	. 12
Practical Physiology	. 6
Hygiene	. 6
Dissecting Material	. 5
Enregistration	. 5
Total	\$97
Modicine Third Year.	
Medicine	. 12
Materia Medica	**
Clinical Medicine	**
Surgery	TO
Clinical Surgery	TO
Midwhery and Gynæcology	TO
Medical Jurisprudence	TO
Pathology	TO
Enregistration	5
Total	
	\$97
Fourth Year.	
Medicine	\$12
Surgery	12
Clinical Medicine	12
Clinical Surgery	12
Midwifery and Gynæcology	12
Enregistration	5
Total	\$65
Summer Session	\$25
	423
HOSPITAL FEES.	
Montreal General Hospital, Perpetual Ticket	\$20
University Dispensary	Free
Montreal Maternity	8
Total	\$28
Graduation Fee	<b>C</b>
Matriculation Fee, payable only if the Student takes the Univer-	\$30
sity Matriculation	
Total Collegiate and Hospital expenses, spread over four years,	5
about	
about	100

It is to be understood that a Student wishing to take any other class than that of his year can do so on payment of the class fee.

Fees are payable in advance, to the Registrar, at the time of enregistration.\*

#### VIII.

#### TEXT BOOKS.

(Prices current in Montreal.)

Anatomy.—Gray, \$6; Wilson, \$4; Quain (Eng. Ed.) \$9.75.

PRACTICAL ANATOMY.—Heath's Dissector, \$4.50; Holden's Dissector, \$5; and Landmark's, \$1.

PHYSICS.—Balfour Stewart.

INORGANIC CHEMISTRY.—Madan Wilson's; Millar.

ORGANIC CHEMISTRY.—Armstrong.

Practical Chemistry.—Odling, \$1.75; Galloway, Fresenius, \$5.

PHARMACOLOGY and THERAPEUTICS.—Wood, \$6; Lauder Brunton, \$6; Whitla, 3.50; and Bruce

Physiology.—Huxley's *Elementary Lessons*, \$1.35; Yeo; Foster, \$3.25; Prof. Mills's Outlines of Lectures, \$1.00.

Pathology.—Orth's Diagnosis in Pathology, \$3.50.

Histology.—Klein's Elements, \$1.50; Schäfer's Essentials of Histology.

Surgery.—Holmes' Surgery (Eng. Ed.) \$9; Erichsen, \$8.50; Druitt, \$4; Bryant, \$6.50.

PRACTICE OF MEDICINE.—Flint, \$5.50; Roberts, \$5; Bristowe, \$5; DaCosta, \$6; Fagge.

FOR REFERENCE. - Pepper's System of Medicine.

CLINICAL MEDICINE.—Graham Brown's Manual of Diagnosis, \$3.25; Finlayson's Clinical Manual, \$2.60; Flint on Auscultation and Percussion, \$1.60; and Loomis on Physical Diagnosis, \$3.00.

<sup>\*</sup>It is suggested to parents or guardians of students that the fees be transmitted direct by cheque or P. O. Order, to the Registrar, who will harnish official receipts.

Medical Jurisprudence.—Husband, \$3.25; Guy and Ferrier, \$3.75; Reese.

MIDWIFERY.—Lusk, \$5; Galabin.

GYNÆCOLOGY.—Edis, \$3; Goodell's Lessons, \$4; Hart and Barbour's Manual, \$7.50; Thornburn.

Hygiene.—Parks, \$5.50; Wilson (Eng. Ed.) \$3.25.

BOTANY.—Gray's Text Book of Histology and Physiology.

ZOOLOGY.—Sir William Dawson's Handbook of Canadian Zoology.

#### IX.

#### MUSEUM.

CURATOR, W. R. SUTHERLAND, M.D.

WILLIAM WRIGHT, 1852.
R. PALMER HOWARD, 1853.
ROBERT CRAIK, 1857.
HORACE NELSON, 1862.
GEORGE E. FENWICK, 1864.
JOSEPH M. DRAKE, 1864
GEORGE ROSS, 1870.

WILLIAM FULLER, 1872.
THOMAS G. RODDICK, 1874.
JAMES C. CAMERON, 1876.
RICHARD L. MACDONNELL, 1878.
A. F. RITCHIE, 1879.
W. R. SUTHERLAND, 1882.
JAMES BELL, 1886.

Most of the usual Pathological Specimens are collected here, obtained from Hospital and private practice. They are largely used in illustrating the lectures on Medicine and Surgery. There are also wax and papier-maché models.

During the past few years numerous and extremely important additions have been made to the Medical Museum.

It is particularly rich in specimens of Aneurisms. In addition to containing a large number of the more common varieties of these formations, there are specimens of such rare conditions as Aneurism of the Hepatic and Superior Mesenteric Arteries, Traumatic Aneurism of the Vertebral, together with several of the cerebral and pulmonary arteries. The most important collection probably in existence of hearts affected with "Malignant Endocarditis" is also found. The Faculty are indebted to Prof. Osler, late of this University, for this collection.

Specimens representing morbid alterations of the liver, and gall bladder, including Cirrhosis (a beautiful specimen of the Hypertrophic form, weighing 91/2 lbs.), Hydatids, Cancer, Abscess, Suppurative Hepatitis following Aneurism of the Hepatic Artery. This section also contains a large number of Biliary Calculi.

Intestines and Peritoneum.-Specimens illustrating the Morbid Anatomy of Typhoid Fever, Tropical Dysentery, Ulceration, and

Malignant Disease.

Urinary Organs.—Besides the various forms of Bright's Disease, there are a number of specimens of Surgical and Cystic Kidneys, together with two specimens of Meyo-Sarcoma. A cabinet of Urinary Calculi, collected by Dr. Fenwick, is the property of the Museum.

Bones and Joints .- During the past two years the faculty have made very extensive additions to the specimens illustrating diseases of the bones and joints, all of which are beautifully mounted.

Nervous System .- In this section are included a most beautiful collection of Brains prepared by Dr. Osler after the method of Giacomini. Besides those illustrating pathological defect, there are normal specimens of the brains of horse, cow, dog, cat, pigeon, goose, lion, bear, seal, &c.

The Museum also contains a collection of human abnormalities made by Dr. Shepherd during the time he was Demonstrator of

Anatomy.

A collection of specimens of eye diseases made by Dr. Buller has been presented to the Museum.

### LIBRARY.

The Library of the Medical Faculty now comprises upwards of ten thousand volumes, the largest special library connected with any medical school on this continent.

The standard text-books and works of reference, together with complete files of the leading periodicals, are on the shelves. Students may obtain books on making a deposit of \$5, which is refunded on returning the volumes.

#### XI.

## M'GILL MEDICAL SOCIETY.

This Society, composed of enregistered Students of the Faculty meets once a week during the Summer Session, and fortnightly during the Winter, for the reading of papers and the discussion of medical subjects. It is presided over by a physician chosen by the members.

A reading room has been established in connection with the Society, in which the leading English and American Medical Journals are on file.

#### XII.

### COST OF LIVING, &c.

This will, of course, vary with the tastes and habits of the Student, but the necessary expenses need not exceed those in smaller towns. Good board may be obtained from \$15 to \$20 per month. A list of boarding-houses is prepared annually by the Secretary of the University, and may be procured from the Janitor at the Medical College.

#### XIII.

#### HOSPITALS.

#### Montreal General Hospital.

The Montreal General Hospital is the most extensive clinical field in the Dominion. A much larger number of in-door and out-door patients receive treatment there than in any other Canadian Hospital. Last year's report shows that 2,347 Medical and Surgical cases were treated in the wards, and the great proportion of these were acute cases, as may be gathered from the fact that the average duration of residence was only 23.6 days.

The large number of out-door patients that are treated in the Hospital—averaging from sixty to seventy daily supply illustrations of

most of the diseases of infants and children, of very many of the eye and skin, and of those chronic and ill-defined ailments which, as they do not require admission to the wards of a hospital, would not otherwise come under the observation of the Student

The large number of patients affected with diseases of the eye and ear, now attending the out-door department, will afford Students ample opportunity to become familiar with all the ordinary affections of those organs, and to make themselves proficient in the use of the ophthalmoscope, and it is hoped that every student will thus seek to gain a practical knowledge of this important branch of Medicine and Surgery. Operations are performed on the eye by Dr. Buller, after the out-door patients have been seen, and Students are invited to attend the same, and, as far as practicable, to keep such cases under observation so long as they remain in the Hospital.

There are now special departments in the Hospital for Gynæcology and Laryngology, presided over by Specialists in these branches. Students are thus enabled to acquire special technical knowledge under skilled direction. The plan of teaching practical gynæcology for the past five years with marked success has been the limitation of the number of Students to two or three, who, in rotation, assist at the examinations, and receive instruction in the diagnosis and treatment of uterine diseases and the use of gynæcological instruments.

CLINICAL CLERKS in both medical and surgical wards are appointed every three months, and each one during his term of service conducts, under the immediate directions of the Clinical Professors, the reporting of all cases in the ward allotted him. The holding of one of these offices is found to be of the greatest possible advantage to Students, as affording a true *practical* training for his future professional life. They will be awarded on application at the end of each Session to final Students of that year, in order of their standing in the primary examination.

Dressers are also appointed to the Surgical wards and to the Out-door Department. For these appointments application is to be made to the Professor of Clinical Surgery, and to the Assistant Physicians and Surgeons.

The Operating Room (used also for a lecture room) is so constructed as to enable the Students to obtain a good view of the operations.

#### Montreal Dispensary.

ST. ANTOINE STREET.

Over 12,000 patients yearly are treated at this Institution. The cases are of great variety, comprising a large number of pulmonary affections and children's diseases. Minor operations are of daily occurrence, and excellent practice is afforded in the application of splints and bandages. The attending Physicians furnish Students with all possible facilities. The hours of attendance are from 12 to 2 daily.

#### The Montreal Maternity.

The Faculty have great pleasure in announcing that the Corporation of the Montreal Maternity have in contemplation the erection of a large and comfortable maternity building. It will be constructed with all those modern improvements which science and experience have demonstrated to be of value in this class of buildings. Students will in future, therefore, have much more abundant opportunities for becoming practically acquainted with Midwifery practice. The Maternity will, as in the past, be under the direction of the Professor of Midwifery, and Students who have already attended one course of his lectures will be furnished with cases in rotation. Particular attention will be given to individual clinical instruction. Students are advised to attend this Institution as much as possible during the summer months.

#### University Dispensary.

This Dispensary is a general Polyclinic, being used only for the teaching of special departments of Practical Medicine and Surgery. Instituted a number of years ago, it has been found very successful, fulfilling the aims of the University in giving Students special training in certain branches not elsewhere so readily obtainable. At the present time there are three special Clinics connected with this Dispensary.

Diseases of Children.—The Clinic is on Tuesdays, Thursdays and Saturdays at 1 p.m., when the patients are seen and instruction given on the cases.

Diseases of the Skin .- The Surgeon in charge will attend every

Friday at 2 p.m. Arrangements will be made whereby a limited number of students can be present on each occasion.

Diseases of the Nervous System.—The Physician in charge will attend every Monday and Friday at 11 a.m. Students will have an opportunity in this Clinic of seeing and examining many of those obscure and chronic diseases of the brain and spinal cord which are now attracting so much attention in the medical world.

#### XIV.

## STUDENTS' APPOINTMENTS.

General Hospital—Three Resident Medical Officers. Clinical Clerk, Gynæcology.

" Laryngology.

" Diseases of Children.

" Dermatology.

" Diseases of Nervous System.

University Maternity.—One Resident Medical Officer.

Out-door Dressers.

Dressers in Eye and Ear Department.

Surgical Dressers (In-door).

Medical Clinical Clerks.

Post-mortem Clerks.

Student Demonstrators of Anatomy, 4 third-year Students.

Prosectors to Chair of Anatomy, 2.

Assistants in Practical Histology Course, 2.

Assistants in Practical Physiology Course, 4.

Assistants in Practical Chemistry, 2.

#### XV.

# RULES FOR STUDENTS.

1. In the case of disorderly conduct, any Student may, at the discretion of the Professor, be required to leave the Class-room. Persistence in any offence against discipline after admonition by the

Professor shall be reported to the Dean of the Faculty. The Dean may, at his discretion, reprimand the Student, or refer the matter to the Faculty at its next meeting, and may in the interval suspend from classes.

- 2. Absence from any number of lectures can only be excused by necessity or duty, of which proof must be given, when called for, to the Faculty. The number of times of absence, from necessity or duty, that shall disqualify for the keeping of a Session, shall in each case be determined by the Faculty.
- 3. While in the College, Students are expected to conduct themselves in the same orderly manner as in the Class-room.
- 4. When Students are brought before the Faculty under the above rules, the Faculty may reprimand, impose fines, disqualify from competing for prizes and honors, suspend from Classes, or report to the Corporation for expulsion.

#### XVI.

#### PAST SESSION.

The total number of Students enregistered in this Faculty during the past year was 231, of whom there were, from—

Ontario 112	P. E. Island 6
Quebec 56	Newfoundland 2
New Brunswick 23	Manitoba 1
Nova Scotia 19	England 1
United States 11	

The following gentlemen, 46 in number, have passed their Primary Examination, which comprises the following subjects: Anatomy, Practical Anatomy, Chemistry, Practical Chemistry, Physiology, Histology and Botany.

Aborn, W. H	Goderich O.
Baer, D. C	Summerfield III
Bell, J. H.; B. A	Kara O
Bowen, W.; B. A	Quebes Q
Brown, G. A	Charlett
Berry I A	Charlottetown, P.E.I.
Berry, J. A	Seeley's Bay, O.
Cameron, J. J.	Lancaster, O.
Castleman, A. L	East Williamsburg, O.
Campbell, G. G.; B. Sc	····· Truro, N. S.
Chalmers, W. W.; B. A	Huntingdon, Q.
Creasor, J. C.; B. A	Owen Sound, O.
4	

Delaney, W.J	Peterboro, O.
O D	Ollawa, Olle.
7 TTT C	· · Dulliani, of.
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77 777	· · · Almono, ·
Geomill, E. W	Baie Verte, N. B.
Goodwin, W. W	Chatham. O.
Holmes, A. D	Cookshire, Q.
Holmes, A. D	Perth O.
Lafferty, A. M	Fredericton N. B.
Kincaid, R. J	Brown's Creek P.E.I.
Martin, J. Mc	Harrington P.E.I.
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37 Denald A I	Olollooman, o.
11 TI N	· · · · Laggain,
D 11 D A	Alexandira, O.
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O :- L T T	Ayımor, d.
Shanks, A. L	Huntingdon, Q.
a two C. D. A	Alumudi, d.
Taylor, W. B.; B. A	Halifax, N. S.
Vipond, A. E	Montreal, Q.
Whyte, J. J	Lancaster, O.
Whyte, J. J	St. Catherines, O.
Woodruff, T. A	Napanee, O.
Young, H. E., B. A	
	c ucuad all

The following gentlemen, 45 in number, have fullfilled all the requirements to entitle them to the degree of M.D., C.M. from the University. In addition to the Primary subjects mentioned, they have passed a satisfactory examination, both written and oral, on the following subjects: Principles and Practice of Surgery, Theory and Practice of Medicine, Obstretrics and Diseases of Women and Children, Pharmacology and Therapeutics, Medical Jurisprudence, Pathology and Hygiene,—and also Clinical Examinations in Medicine and Surgery conducted at the bedyide in the Hospital:

Aborn, W. H
Berry, J. A
Blackader, E. H. P., B.A Montreal, Que.
Boone, S. W., B.A
Bowen, W., B.A
Boyd, Jay
Cameron K. B.A. Vankleek Hill, Ont.
Cameron, K., B.A
Christie, W., B.A
Cowie, A. M
Dickson, J. A., B.A
Easton, C. L
Lugar, C. J Naniawvilla O.
Ellis, W. E
Evans, E. J Seaforth, Ont.
Flagg, J. D
Fillinore, E. W Rajo Vorto N. D.
Fraser, J. M Howkooburg Ont
Gardner, A. W
Hall, A. GFranklin, Que.
Hall, W
namer, A. L
Johnson, J. W Farmersville Ont
Aelly, J. A. A Durham Ont
Laherty, A. M Perth Ont
Laffeur, H. A., B.A Montreal One
Loucks, W. F Stirling Ont
Macdonald, A. D Wickham N R
McDonald, A. L
McDonald, D. D
mcAlmon, H Alexandria Ont
Morgan, V. HAultsville Ont
Norman, T. J Schonberg Ont
Forter, J. A., B.A Kemptville Opt
Former, J. C Woonsocket R I
neavery, E Port Robinson Ont
Michardson, G. CSouth March Opt
Ross, D. L
Richardson, G. C. South March, Ont.  Ross, D. L. Winthrop, Ont.  Scott, J. M. Philadelphia Penn
Richardson, G. C. South March, Ont.  Ross, D. L. Winthrop, Ont.  Scott, J. M. Philadelphia, Penn.  Scully, D. J. Lindsay, O.
Richardson, G. C. South March, Ont.  Ross, D. L. Winthrop, Ont.  Scott, J. M. Philadelphia, Penn.  Scully, D. J. Lindsay, O.  Stephen, G. C. Montreal O.
Richardson, G. C. South March, Ont.  Ross, D. L. Winthrop, Ont.  Scott, J. M. Philadelphia, Penn.  Scully, D. J. Lindsay, O.  Stephen, G. C. Montreal, Q.  Trapnell, H. E. Harbor Grace, Nfd.
Richardson, G. C. South March, Ont.  Ross, D. L. Winthrop, Ont.  Scott, J. M. Philadelphia, Penn.  Scully, D. J. Lindsay, O.  Stephen, G. C. Montreal, Q.  Trapnell, H. E. Harbor Grace, Nfld.  Warneford, P. H. Norton, N. B.
Richardson, G. C. South March, Ont.  Ross, D. L. Winthrop, Ont.  Scott, J. M. Philadelphia, Penn.  Scully, D. J. Lindsay, O.  Stephen, G. C. Montreal, Q.  Trapnell, H. E. Harbor Grace, Nfld.  Warneford, P. H. Norton, N. B.  Wilkins, H. P. Toronto, O.
Richardson, G. C. South March, Ont.  Ross, D. L. Winthrop, Ont.  Scott, J. M. Philadelphia, Penn.  Scully, D. J. Lindsay, O.  Stephen, G. C. Montreal, Q.  Trapnell, H. E. Harbor Grace, Nfld.  Warneford, P. H. Norton, N. B.  Wilkins, H. P. Toronto, O.  Williams, E. P. Ottawa, O.
Richardson, G. C. South March, Ont.  Ross, D. L. Winthrop, Ont.  Scott, J. M. Philadelphia, Penn.  Scully, D. J. Lindsay, O.  Stephen, G. C. Montreal, Q.  Trapnell, H. E. Harbor Grace, Nfld.  Warneford, P. H. Norton, N. B.

# The following have passed in Chemistry:

A las W W	Esson, F. G.	McManus, H. D.
Aylen, W. W.	Hewetson, J. A.	McEwen, H.
Burritt, C. H.	Kemp, H. D.	Metcalfe, F. T.
Broderick, E. J.	Lang, M. W.	Ross, J.
Clarke, J. W.	Low, D.	Smithson, R. H.
Campbell, G. M.	McKee, G. L.	

# The following have passed in Practical Chemistry:

Aylen, W. W. Beers, A. H. Burritt, C. H. Broderick, E. J. Campbell, G. M. Deacon, J. D. Duncan, G.	Halpine, A. S. Irwin H. Low, D. Lewin, A. A. McManus, H. D. McKee, G. L.	McNeece, J. Ross, J. Smithson, R. H. Travers, J. B. Weeks, C. M. Woodruff, H. E.
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# The following have passed in Anatomy:

Hopkins, H. J.

Baer, D. C.	Haldimand, A. W.	Irwin, W. T.
Booth, J.	Hewetson, J. A.	Kincaid, R. J.
Esson, F. G.		

# The following have passed in Pharmacology and Therapeutics:

Desmond, F. J.  Metcalf, F. T.  Fritz, H. D.  Gemmill, E. W.  Goodwin, W. W.  Green, T. J.  Gunne, N. D.  Hewitt, J.  Hoare, C. W.  Metcalf, F. T.  Metcalf, F. T.  Metcalf, F. T.  Springle, J. A.  Stewart, A. D.  Stewart, W. G.  Thompson, J. H  Weagent, A. A.  Westley, R. A.  Wetmore F. H.	The following have	passed in I marine	02
Hoare, C. W. Macdonnell, Æ. J. Wetmore F. H.	Baer, D. C. Bayne, C. W. Bell, J. H. Berry, R. P. Bradley, W. I. Castleman, A. L. Chalmers, W. W. Clouston, J. R. Conroy, C. P. Desmond, F. J. Fritz, H. D. Gemmill, E. W. Goodwin, W. W. Green, T. J.	Hubbard, O. H. Irwin, W. T. Kemp, H. D. Kennedy, J. H. Kenny, F. L. Kirkpatrick, E. A. Kincaid, R. M. Lang, M. W. Long, C. H. Metcalf, F. T. Moffat, R. D. Mowat, M. Mc. Morrow, C. McCarthy, J. G. McDougall, D. S.	McIntosh, D. H. McLennan D. McMartin, D. R. McFarlane, M. Orr, A. E. Orr, J. E. Park, P. C. Potts, J. Mc. Robertson, A. G. Springle, J. A. Stewart, A. D. Stewart, W. G. Thompson, J. H.
Thereing H Wekinnon (T. W. Wylde)	Hewitt, J.	McEwen, H.	

McKinnon, G. W.



## The following have passed in Pathology:

Baer, D. C. Hopkins, H. J. Morrow, C. Bell, J. H. Hubbard, O. H. Orr, A. E. Berry R. P. Kenny, F. L. Orr. J. E. Berry, J. A. Kennedy, J. H. Porter, J. A. Bowen, W. Kincaid, R. M. Park, P. C. Cameron, J. J. Kirkpatrick, E. A. Potts, J. M. Cameron, K. Lafleur, H. A. Robertson, A. G. Castleman, A. L. Lang, M. W. Quirk, E. L. Clouston, J. R. Long, C. H. Springle, J. A. Conroy, C. P. McCarthy, J. G. Stewart, W. G. Davis, A. H. McKinnon, G. W. Stewart, A. D. Desmond, F. J. McDougall, D. S. Thompson, J. H. Ferguson, W. D. McFarlane, M. A. Weagant, A. A. Fritz, H. D. McLennan, D. Westley, R. A. Gunne, N. D. McMartin, D. R. Wetmore, F. H. Hall, A. G. Moffatt, R. Wylde, C. F. Haldimand, A. W.

### The following have passed in Physiology:

Aylen, W. W.
Booth, J. S.
Hewetson, J.
Low, D.
Haldimand, A. W.
Kincaid, R. J.
Smithson, R. H.
Wheeler, C. L.

### The following have passed in Medical Jurisprudence:

Baer, D. C. Goodwin, W. W. McEwen, H. Bayne, C. W. Hewitt, J. McFarlane, M. Bell, J. H. Hopkins, H. J. McLennan, D. Bowen, W. Hubbard, O. H. McMartin, D. R. Berry, R. P. Hoare, C. W. Moffatt, R. D. Clouston, J. R. Hall, A. G. Orr, A. E. Cameron, J. J. Irwin, W. T. Orr, J. E. Castleman, A. L. Kincaid, R. M. Porter, J. A. Chalmers, W. W. Kenney, F. L. Potts, J. M. Conroy, C. P. Kirkpatrick, E. A. Park, P. C. Deacon, J. D. Kennedy, J. H. Quance, S. H. Desmond, F. J. Long, C. H. Quirk, E. L. Dewar, C. P. Lang, M. W. Robertson, A. G. Donald, W. M. Morrow, C. Stewart, A. D. Dickson, J. A. Mowat, M. Stewart, W. G. Fritz, H. D. Metcalfe, F. T. Stephen, G. C. Gardner, A. W. McCarthy, J. G. Travers, J. B. Greene, T. J. Macdonnell, Æ. J. Woodruff, E. H. Gunne, N. D. McDougall, D. S. Wylde, C. F.

## The following have passed in Hygiene:

Stayner, S. R. Irwin, W. T. Baer, D. C. Stewart, A. D. Kemp, H. D. Bayne, C. W. Stewart, W. G. McDougall, D. S. Bell, J. H. Travers, J. B. McEwen, H. Castleman, A. L. Vipond, A. E. McLennan, D. Chalmers, W. W. Weeks, C. M. Porter, J. A. Clouston, J. R. Woodruff, E. H. Quance, S. H. Deacon, J. D. Wylde, C. F. Robertson, A. G. Dickson, J. A. Shanks, A. L. Donald, W. M.

### The following have passed in Botany:

McKee, G. L. Harris, N. M. Addy, G. A. McLennan, A. Hickey, W. H. Ault, C. A. McNeece, J. Inksetter, W. E. Beers, A. H. Noble, C. T. Jento, C. P. Bisset, C. P. Oliver, O. J. Jenkins, W. E. Bowes, E. Robertson, W. Kent, H. V. Campbell, G. M. Smith, A. G. Liddell, G. L. Clune, P. J. Love, A. Coleman, A. H. Main, C. G. Corbin, F. G. White, D. D. Morris, O. Curtis, J. B. Weeks, C. M. Murray, M. W. Esson, A.C. Wilson, W. A. Mulligan, E. Evans, D. J. Yorston, F. S. McDonald, M, S. Garrell, A. S.

McKechnie, R. E.

Murray, M.

Thompson, F. E. Treadwell, H. S.

## The following have passed in Histology:

Ault, C. A. Hewiston, J. Haldimand, A. W. Addy, G. A. Harris, J. W. Burritt, C. H. Harris, N. M. Bell, J. H. Hamilton, H. D. Bayne, C. W. Irwin. H. Broderick, E. J. Inksetter, W. E. Bissett, C. P. Jento, C. P. Bowes, E. Jenkins, W. E. Campbell, G. M. Kent, H. V. Clune, P. J. Liddell, G. L. Corbin, F. G. Love, A. Clarke, J. W. Chalmers, W. W. Morris, O.

Hamilton, H. D.

Coleman, A. H.

McKee, G. L. McLennan, A. McManus, H. N. McKechnie, R. McDonald, M. S. McNeece, J. Noble, C. T. Oliver, O. J. Robertson, W. Ross, J. Smith, W. D. Smith, A. G. Thompson, F. E. Wilson, W. A.

Curtis, J. B. Esson, A. C. Evans, D. J.

Main, C. G. Matheson, C. S. Mulligan, E.

White, D. D. Travers, J. B. Yorston, F. S.

Hickey, W. H.

#### MEDALS, PRIZES AND HONOURS.

THE HOLMES GOLD MEDAL, FOR THE BEST EXAMINATION IN ALL THE BRANCHES COMPRISED IN THE MEDICAL CURRICULUM, is awarded to Edward Evans, of Seaforth, Ont.

THE PRIZE FOR THE BEST EXAMINATION IN THE FINAL BRANCHES is awarded to Henri A. Lafleur, of Montreal.

THE PRIZE FOR THE BEST EXAMINATION IN THE PRIMARY BRANCHES is awarded to Alexander E. Garrow, of Ottawa, Ont.

THE SUTHERLAND GOLD MEDAL is awarded to John Creasor, of Owen Sound, O.

The following gentlemen, arranged in order of merit, deserve honourable mention:—

In the Primary Examination—H. McKercher, G. G. Campbell, J. A. Creasor, W. S. England, W. G. Stewart, H. E. Young, D. H. McIntosh, G. A. Brown, D. A. Murray.

In the Final Examination:—J. M. Fraser, J. A. Kelly, D. L. Ross, W. Hall, A. L. Hamer, T. J. Norman, A. D. McDonald, W. Christie, E. H. P. Blackader, and J. W. Johnson.

#### PROFESSOR'S PRIZES.

Botany.—Robert McKechnie, Winnipeg.

Practical Anatomy.—Demonstrator's Prizes: 2nd year, W. G. Stewart. 1st year, R. McKechnie.

Obstetrics.—Ed. Evans, Seaforth, Ont.

Pathology-O. H. Hubbard, Gilsam, New Hampshire.

# SUMMER SESSION.

1888.

The Thirteenth Summer Session of the Faculty of Medicine will commence about the 13th of April, and continue twelve weeks.

The Classes are chiefly practical and demonstrative, and are designed to supplement and extend the teaching of the regular Winter Session.

The attention of Students of this University, who intend to present themselves for examination of the M.D. degree in 1888, and afterwards, is particularly directed to the regulations instituted in 1884, making the third summer session compulsory.

In future, the regular University lectures on Hygiene will be de-

livered only during the summer sessions.

Students from other schools are received on the same terms and have all the advantages of regular students.

The special advantages of attendance upon a Summer Session are:—

- (1) The benefit derived from the practical and demonstrative classes.
- (2) Dresserships and Clinical Clerkships are more easily obtained at the Hospitals, and the student has more time at his disposal to follow up the cases.

(3) Cases of Midwifery are obtained in greater number at the

University Maternity Hospital.

(4) Systematic study can be carried on more effectively than at home.

(5) The regular courses on Hygiene and Practical Chemistry can be attended.

During the present and subsequent Summer Sessions, the Faculty have decided to open the dissecting room for at least six weeks of the Course.

The advantages offered by the City of Montreal for the practical study of Medicine and Surgery are unequalled in the Dominion.

In the wards of the General Hospital there is always—and more particularly in the summer months, when navigation is opened—a large collection of interesting medical and surgical cases. In the Out-door Department there is a daily attendance of between 60 and

70 patients, which affords excellent instruction in Minor Surgery, routine medical practice, and Diseases of Children. The special departments for diseases of the Eye and Ear, for diseases of the Nose and Throat, and of Gynæcology, will afford to the student an opportunity for studying practically, under skilled direction, these important branches.

Special Clinics at the Montreal General Hospital are devoted to Diseases of Children, Diseases of the Skin, and of the Nervous System.

At the Montreal Dispensary, in addition to general Medical instruction, there is a Gynæcological Clinic.

The course of instruction will be similar to that adopted during previous years. The curriculum of 1887 was as follows:—

# I.-CLINICAL INSTRUCTION,

Which will comprise:-

A.—Bedside Instruction—	
Surgery	Dr. Fenwick and Dr.
B-Weekly Clinics in the W	Dr. Wilkins and Dr. R.
B.—Weekly Clinics, in the Theatre of the General	cal Homital and
1. UENERAL SURGERY	Drs. Fenwick, Roddick
2. GENERAL MEDICINE	Drs. Ross, Wilkins and
3. GYNÆCOLOGY	R. L. MacDonnell. Dr. Gardner
5. DISEASES OF THE NOSE AND TUROAT	Dr. Buller.
6. DISEASES OF CHILDREN 7. VENEREAL DISEASES	
C.—Weekly Clinics, at the College, on—	Dr. Bell.
DISEASES OF THE NERVOUS SYSTEM	
D.—Out-Patient Clinics—1. At the General Hos	Dr. Stewart.
A. GENERAL MEDICINE AND SURGERY.	Medical and Surgical
2. OINACOLOGY	
D. *DISEASES OF THROAT AND NOON	
the Oniversity Dispensary—	
A. DISEASES OF THE SKIN	Dr Plackedan
O. DISEASES OF THE NERVOUS SYSTEM	Dr. Stewart.
3. At the Montreal Dispensary—	
A. Medicine	Dr. Stewart. Dr. Alloway.
v .	

<sup>\*</sup> A limited number of students will attend in intation.

# E.—Clinical Instruction in Obstetrics—

Spaces....

At the University Maternity Hospital-

1. THE MANAGEMENT OF CASES OF LABOR.

2. THE AFTER CARE OF CASES.....

2. THE AFTER CARE OF CASES.
IIPRACTICAL CLASSES.
*1. Practical Anatomy.—Same as, and may be taken in lieu of a part of the Winter Course
*2. Practical Chemistry.—Same as, and may be taken in lieu of, the Winter Course.  Fee. \$12.00.
*3. Operative Surgery.—A complete course of operations on the cadaver, including Amputations, Excisions, Ligations, &c. The students perform the operations in rotation. Fee, \$5.00
4. Obstetrical Operations and Presenta- tions.—A series of practical demonstra- tions on the cadaver or phantom
5. Deformed Pelves.—A series of demonstrations illustrating the influence of deformity of the Pelvis upon Labor
**6. Climical interescopy.  gents and Material provided
8. Anomalies of Refraction and Accommodation.—A course of four demonstations, giving practical illustrations of the methods of recognising and treating these conditions
9. Practical Ophthalmoscopy.—To consist of a series of demonstrations and practical exercises in the use of the Ophthalmoscope
10. Laryngoscopy and Rhinoscopy. — A course of demonstrations and exercises in the use of the Laryngoscope and Rhinoscope.
11. Electro-Therapeutics.—Students will be practically trained in the method of using the different forms of electricity in the treatment of disease
12. Applied Anatomy—Medical and Surgical.—Surface-marking, Brain and Spinal Cord, Larynx, Thorax, Abdomen, Genito-Urinary Organ, Surgical Spaces.
Snaces

13. Minor Surgery.—Including Bandaging, Homostatics. Dr. R. J. B. Howard. Catheterism, Artificial Respiration, &c. J

14. Clinical Chemistry.—A course of twelve demonstrations, designed to familiarise students with the more recent and approved methods of examining chemically, abnormal secretions, morbid products, &c., at the bedside.....

Dr. Ruttan.

15. Morbid Anatomy.—Consisting of systematic demonstrations upon post-mortem methods and pathological anatomy in the section-room of the General Hospital. Students will make the postmortems in rotation, and receive instruction in the method of performing them, and keeping record of their observations....

Dr. W. G. Johnston.

16. Bacteriology. — A series of demonstrations on the methods of Bacteria culture, illustrated by the microscope and by experiments.....

Dr. W. G. Johnston.

\*17. Practical Materia Medica.—A fee sufficient to cover the cost of material will Dr. Stewart. be charged for this course.....

#### III.-LECTURES.

\*1. Hygiene —This course will be delivered during the summer session only. It comprises lectures on Drinking Water and Public Water Supplies; conditions of Soil and Water as affecting health, including Drainage and the various methods for the removal of Excreta; the Atmosphere, including Heating and Ventillation; Individual Hygiene, comprising the subjects of Food and Drink; Physical Exercise and Bathing; discussion of the respective merits of the various forms of each, precautions, contra-indications, &c. Village Sanitary Associations; Mutual Protective Sanitary Associations for cities. Fee \$6.00. Examination at the end of the course.....

Dr R. L. MacDonnell.

All students desirous of attending the above courses are expected to register their names with the Registrar, within one week after the beginning of the Session, and to pay a fee of \$25 (which includes registration fee). Enregistration and payment of the fee are compulsory upon all students, whether attending one or more of the classes.

\* The fee for this class is not included in the above fee of \$25 for the Summer Session.

#### XVIII.

### SESSION 1886-87.

# STUDENTS IN MEDICINE.

†Aborn, W. H., Goderich, O. Addy, G. A. B., St. John, N.B. Airth, H. W., Renfrew, O. Almon, G. M., Windsor, N.S. Anglin, J. V., Kingston, O. Ault, C. A., Oshkosh, Wis. Aylen, J. P., Aylmer, Q. Aylen, W. W., Aylmer, Q.

Aylen, W. W., Aylmer, Q.

Baer, D. C., Summerfield, Ill.
Bayne, C. W., Merivale, O.
Bell, J. H., Kars, O.
†Berry, J. A., Berryton, O.
Berry, R. P., Lindsay, O.
Beers, A. H., Montreal, Q.
Bessett, C. P., River Bourgeoise, N.S.
†Bowen, W., Quebec, Q.
†Boone, S. W., Fredericton, N.B.
Bowes, E., Ottawa, O.
†Boyd, Jay, Vankleek Hill, O.
Blanchard, S., Valois, Q.
†Blackader, E. H. P. Montreal, Q.
Bradley, W. I., Ottawa, O.
Brown, G. A., Charlottetown, P.E.I.
Brown, P., Montreal, Q.
Bridges, H. H., Sheffield Academy, N.B.
Broderick, E. J., Fredericton, N.B.
Booth, J. S., Montreal, Q.

tCameron, K., Montreal, Q.
Cameron, J. J., Lancaster, O.
Campbell, G. G., Truro, N.S.
Campbell, R., Montreal, Q.
Castleman, A. L., East Williamsburg, O.
Coleman, A. H., Belleville, Ont.
Conrolly, A. J., Lennoxville, Q.
Corbin, F. G., Bedford, N.S.
tCowie, A. M., Montreal, Q.
Clouston, J. R., Maple Hill, Q.
Clune, P. J., Warkworth, O.
Clarke, J. W., Tatamagouche, Q.
Chalmers, W. W., Huntingdon, Q.
tChristie, W., Lachute, Q.
Creasor, J. A., Owen Sound, O.
Crease, H. G., Barrie, O.
Curtis, J. B., Hartland, N.B.

Davis, A. H., Glen Buel, O. Deacon, J. D., Pembroke, O. Delaney, W. J., Peterboro, O. Desmond, F. J., Newcastle, N. B. Dewar, C. P., Ottawa, O. †Dickson, J. A., Trenholme, Q. Donald, W. M., Seaforth, O. Duncan, G., Russell, O.

†Easton, C. L., Easton's Corners, O. †Edgar, C. J., Napierville, Q. England, W. S., Dunham, Q. Esson, F. G., Halifax, N.S. Esson, A. A., Halifax, N.S. †Ellis, W. E., St. Catherines, O. Evans, D. J., Montreal, Q. †Evans, E. J., Seaforth, O.

Ferguson, W. D., Cumberland, O. †Fillmore, E. W., Baie Verte, N.B. †Flagg, J. D., Morrisburg, O. †Fraser, J., Hawkesbury, O. Fritz, H. D., St. John's N.B. Fulton, C., Avonmore, O.

Garrow, A. E., Ottawa, O.
†Gardner, A. W., Cornwall, O.
Gemmill, E. W.. Almonte, O.
Garrell, A. S., Brockville, O.
Goodwin, W. W., Baie Verte, N.B.
Greene, T. J., Appleton, O.
Guthrie, J. B., Guelph, O.
Gunne, N. D., Ailsa Craig, O.

Gunne, N. D., Alisa Craig, O.

Halpin, A. S., Lowell, Mass.
Haldimand, A. W., Montreal, Q.
Hall, W., Walkerton, O.
Hall, A. G., Franklin Centre, Q.
Harris, N. M., Ormstown, O.
Harwood, L. L., Vaudreuil, Q.
Hardie, T. M., Ottawa, O.
Haggart, J., London, O.
Haggart, J., London, O.
Hammer, A. L., Bradford, O.
Hayes, J., Nels on, N. B.
Hill, R. S., Montreal, Q.
Holmes, A. D., Chatham, O.
Hoare, C. W., Strathroy, O.
Hickey, W. H., Morrisburg, O.
Hewetson, J., Riverside, Cal.
Hughes, J. M., Chesterville, O.
Hubbard, O. H., Gilsam, O.
Hewitt, J., Quebec, Q.
Hopkins, F. A., Cookshire, Q.
Hopkins, H., Cookshire, Q.
Hamilton, H. D., Montreal, Q.

Inksetter, W. E., Copetown, Q. Irwin, H., Pembroke, O. Irwin, W. T., Pembroke, O.

Jayet, A. A. C., Montreal, Q. Jento, C. P., Brockville, O. Jenkins, W. E., Conquerall Banks, N.S. †Johnson, J. W., Farmersville, O.

Kenley, J. A. A., Durham, O. Kenley, F. L., St. John, N.B. Kennedy, J. H., Lindsay, O.

Kemp, H. D., Montreal, Q. Kent, H. V., Truro, N. S. Kincaid, R. J., Tredericton, N. B. Kincaid, R. M., Clarenceville, Q. Kirkpatrick, E. A., Kentville, N. S.

tLafferty, A. M., Perth, O.
tLafleur, H. A., Montreal, Q.
Lang, M. W., St. Mary's, O.
Lewin, A. A., St. John, N. B.
Liddell, G., Cornwall, O.
Love, A., New Glasgow, N. S.
tLoucks, W. F., Sterling, O.
Long, C. H., Keswick Ridge, N. S.
Low, D., Palmerston, O.

Long, C. H., Keswick Ridge, N.S.
Low, D., Palmerston, O.

Mathieson, C. S., Harrington, P.E.I.
Mahoney, T. S., Boston, U.S.
Morrington, V. H., Aultsville, O.
Morrow, C., Russell, O.
Mulligan, E. A., Aylmer, Q.
Mowat, M., Williamstown, O.
Motris, O., Pembroke, O.
Metcalfe, F. T., Buffalo, N. Y.
Meikle, C. D., Lachute, Q.
Main, C. G., Canterbury Station, N.B.
McCarthy, J. G., Sorel, Q.
Murray, D. A., Back Meadow, N.S.
McDonald, A. D., Wickham, N.B.
McDonald, A. D., Wickham, N.B.
McDonald, A. D., Wickham, N.B.
McDonald, A. Mongenois, Q.
McDonald, A. A., Alexandria, O.
McDonald, P. A., Alexandria, O.
McDonald, D. D., North Lancaster, O.
McDonald, D. S., Russell, O.
McDonald, D. S., Russell, O.
McDony, C., McConsell, A. J., Morrisburg, O.
McDonald, M. S., Scotstown, Q.
McDonnell, A. J., Morrisburg, O.
McDonald, M. A., Arnprior, O.
McCurdy, T., Ormstown, Q.
McFarlane, M. A., Arnprior, O.
McKee, G. L., Coaticook, Q.
McKinnon, G. W., Sunnyside, P.E.I.
McKee, G. L., Smith's Falls, O.
McKay, E., Papineauville, Q.
McKinnon, H., Alexandria, O.
McLellan, A. A., Summerside, P.E.I.
McKechnie, R., Winnipeg, Man.
McKercher, H., Stiltsville, O.
McLenn, D. W., Ottawa, O.
McLean, D. W., Ottawa, O.
McMarti, J. A., Orwell, P.E.I.
Morehouse, O. E., Upper Kewick, N.B.
Moffatt, R. D., West Winchester, O.
Murray, W. W., Beechwood, O.
Noble, C. L., Sutton, O.
Noble, C. L., Sutton, O.

Noble, C. L., Sutton, O. †Norman, T. J., Schonberg, O. Notman, J. O., St. Catherines, O.

O'Connor, C., Worcester, Mass. Oliver, A. J., Cowansville, Q. Orr, A. E., Cookshire, Q. Orr, J. E., Mount Elgin, O.

Park, P. C., Durham, O.
Parker, W. D., Hawkesbury, O.
Palmer, P. E., Riverside, N.B.
Patton, H. M., Montreal, Q.
Pettes, F. C., West Brome, Q.
Philp, W. S., Montreal, Q.
Pirie, A. F., Dundas, O.
†Porter, J. A., Kemptville, O.
†Pothier, J. C., Woonsocket, R.I.
Potts, J. M., Belleville, O.

Quance, S. H., Elfrida, O. Quirk, E. L., Aylmer, Q.

†Reavely, E., Port Robinson, O. †Richardson, G. C., South March, O Robertson, A. G., Iroquois, O. Robertson, W., Chesterfield, O. †Ross, D. L., Winthrop, O. Ross, J., Halifax, N.S.

†Scott, J. M., Philadelphia, Pa.
†Scully, D. J., Lindsay, O.
Shanks, A. L., Huntingdon, Q.
Shanks, A. L., Huntingdon, Q.
Smith, G. L., Ottawa, O.
Smith, W. D., Lachute, Q.
Smith, A. S., St. Mary's, O.
Springle, J. A., Montreal, Q.
Stayner, S. R., Montreal, Q.
Stewart, A. D., Arundel, Q.
Stewart, W. G., Arundel, Q.
Stewart, M., Stillwater, minn.

Tackabury, E. G., Ottawa, O.
Taylor, W. B., Halifax, N.S.
Thompson, J. H., Gananoque, O.
Thompson, T. E., Montreal, Q.
Travers, J. B., St. John, N. B.
†Trapnell, H. E., Harbor Grace, N. F.
Treadwell, H. S., St. John's, N. F.

Vipond, A. E., Montreal, Q.

Weagant, A. A., Hosaic, O.
Weeks, C. M., Newport, N. S.
White, D. D., Montreal, Q.
Whyte, J. J., Upper Keswick, N. B.
Woodruff, E. H., St. Catherines, O.
Woodruff, T. A., St. Catherines, O.
tWanneford, P. H., Hampton, N. B.
Westley, R. A., Lancaster, O.
Wetmore, T. H., Bloomfield, N. B.
Wheeler, C. L., Montreal, Q.
tWilkins, H. P., Toronto, O.
tWilliams, E. P., Ottawa, O.
Wilson, W. A., Derby, N. B.
Wyde, C. F., Halifax, N. S.

Yorston, F. S., Truro, N.S. Young, A. A., West Albany, Vt. Young, H. E., Napanee, O.

<sup>†</sup> Passed Examination for M.D., C.M., 1887.

#### XVIII.

### LIST OF PRIZE-MEN AND MEDALLISTS IN THE MEDICAL FACULTY.

In 1855 the examinations were divided into Primary and Final, and Prizes were established for the best Thesis and for the best Examination in the Primary and Final branches.

In 1865 the Holmes Gold Medal was established in honour of Dr. Holmes, and is given for the best examination in both Primary and Final branches.

The following is the List with the present addresses of the recipients:-

FOR GENERAL PROFICIENCY.—1st Prize—Robt. Craik. Montreal. 2nd Prize—Thomas Simpson, Montreal.

THESIS.—James McG. Stevenson, Bryantson, Ont. Final Examination. - James McG. Stevenson, Bryanston, Ont. 1855.

Primary Examination.-Walter J. Henry.\*

Thesis.—Walter James Henry,\* and W. J. Jones, Prescott, 0. Final Examination.—E. Laberge.\*

Primary Examination.—Levi R. Church, Montreal, Q.

1857. Thesis.—Levi R. Church, Montreal, and D. T. Robertson, Lennoxville, Q.

Final Examination.—Levi R. Church, Montreal, Q. Primary Examination.-James Kerr.\*

THESIS.—Timothy F. English\* and W. H. Taylor, Peterboro, 0. Final Examination .- Wm. Harkin.\* Primary Examination.-Wm. Harkin.\*

1859. Thesis.—Edward W. Smith.\*

Final Examination.—James J. O'Dea, Stapleton, Staten Island New York.

Primary Examination.—Henry Warren.\*

1860. Thesis.—J. W. Pickup, Brockville, O.

Final Examination.—Henry Warren.\*

Primary Examination. - Joseph M. Drake,\* Montreal, Q., and Fred. Sutherland.\*

1861. Thesis.—Joseph M. Drake, \* Montreal; F. J. Austin, Sherbrooke, Q, and D. L. Philip, Brantford, O.

Final Examination.—Joseph M. Drake,\* Montreal, Q. Primary Examination.—Thomas C. Walton.

THESIS.—R. M. Bucke, London, O.

Final Examination.-John A. Stewart.\* Primary Examination .- John J. Marston, U. S. Army.

- 1863. Thesis.—Wm. C. Gustin, Detroit, Mich.

  Final Examination.—J. J. Marston, U. S. Army.

  Primary Examination.—R. A. Kennedy, Montreal, Q., and Peter

  A. McDougall, Ottawa, and C. F. Bullen.\*
- 1864. Thesis.—W. W. Squire.\*

  Final Examination.—D. Howard Harrison, St. Mary's, O.

  Primary Examination.—Kenneth Reid,\* New York.
- 1865. Holmes Gold Medal.—E. P. Hurd, Newburyport, Mass.

  Final Examination.—H. L. Vercoe.\*

  Primary Examination.—George Ross, Montreal, and W. Gardner, Montreal.
- 1866. Holmes Medallist.—George Ross, M.A., Montreal, Q.
  Final Examination.—William Gardner, Montreal, Q.
  Primary Examination.—Clinton W. Kelly, Louisville, Ky.
- 1867. Holmes Medallist.—Clinton W. Kelly, Louisville, Ky.

  Final Examination.—C. W. Kelly, Louisville, Ky.

  Primary Examination.—Wm. Henry Patterson.
- 1868. Holmes Medallist.—T. G. Roddick, Montreal, Q.

  Final Examination.—T. G. Roddick, Montreal, Q.

  Primary Examination.—Andrew Harkness, Lancaster, O.
- 1869. Holmes Medallist.—T. D. Lucas.\*

  Final Examination.—Andrew Harkness, Lancaster, O.

  Primary Examination.—Alexander A. Henderson, Ottawa, O.
- 1870. Holmes Medallist.—A. A. Henderson, Ottawa, O. Final Examination.—O. H. E. Clarke, St. Louis, Mo. Primary Examination.—J. H. Mathieson, St. Mary's, O.
- 1871. Holmes Medallist.—J. H. Mathieson, St. Mary's, O.

  Final Examination.—H. P. Wright, Ottawa, O.

  Primary Examination.—Thomas Kelly, Durham, O.
- 1872. Holmes Medallist.—Hamilton Allan, Oconto, Wis.

  Final Examination.—G. A. Starke, Milwaukee.

  Primary Examination.—F. J. Shepherd, Montreal.

  Special Prize for Thesis.—W. Osler, Philadelphia
- 1873. Holmes Medallist.—Thomas Kelly, Durham, O.

  Final Examination.—D. A. Alguire, Cornwall, Ont.

  Primary Examination.—J. D. Cline, B.A.\*
- 1874. Holmes Medallist.—J. D. Cline, B.A.\*

  Final Examination.—J. C. Cameron, Montreal.

  Primary Examination.—Simon J. Tunstall, B.A., Lytton, B.C.
- 1875. Holmes Medallist.—S. J. Tunstall, B.A., Lytton, B.C.

  Final Examination.—J. B. Benson, Chatham, N.B.

  Primary Examination.—C. H. Murray, B.A.\*; R. H. W. Powell,

  Ottawa, O.
- 1876. Holmes Medallist.—Robt. H. W. Powell, Ottawa, O.

  Final Examination.—Chas. H. Murray, B.A.

  Primary Examination.—Alex. C. Frazer Manitowoc, Wis.

  Special Prize for Thesis.—R. L. MacDonnel, B.A., Montreal.

1877. Holmes Medallist.—James Bell, Montreal, Q.
Final Examination.—W. D. Oakley, Streetsville, O.
Primary Examination.—H. N. Vineberg, New York.

1878. Holmes Medallist.—H. N. Vineberg, New York.

Final Examination.—T. W. Mills, M.A., Montreal.

Primary Examination.—W. R. Sutherland, Montreal.

Sutherland Gold Medal.—J. M. Lefebvre, Brockville, O.

1879. Holmes Medallist.—J. B. Lawford, London, Eng.

Final Examination.—A. W. Imrie, Detroit.

Primary Examination.—J. A. McDonald, Montreal.

Sutherland Gold Medal.—W. L. Grey, Pembroke, O.

1880. Holmes Medallist.—J. A. McDonald, Montreal.

Final Examination.—H. B. Small, Ottawa.

Primary Examination.—James Ross, B.A., Dundas, O.

SUTHERLAND GOLD MEDAL.—H. W. Thornton, B.A., Montreal.

1881. Holmes Medallist.—James Ross, B.A., Dundas, O.

Final Examination.—John W. Ross, Cohoes, N. Y.

Primary Examination.—R. J. B. Howard, B.A., Montreal.

Sutherland Gold Medal.—C. E. Cameron, Montreal.

1882. Holmes Medallist.—R. J. B. Howard, B.A., Montreal, Q.
Final Examination.—Henry V. Ogden, B.A., Milwaukee, Wis.
Primary Examination.—George A. Graham, Hamilton, O.
Sutherland Gold Medal.—Wyatt G. Johnston, Montreal, Q.
Morrice Scholar.—Wyatt G. Johnston, Montreal, Q.

1883. Holmes Medallist.—C. E. Cameron, Montreal.

Final Examination.—J. B. Loring, Sherbrooke, Q.

Primary Examination.—Ed. G. Wood, Mitchell, O.

Sutherland Gold Medal.—R. F. Ruttan, B.A., Montreal, Q.

Morrice Scholar.—R. F. Ruttan, B.A., Montreal, Q.

1884. Holmes Medallist.—Wm. A. Ferguson, Bathurst, N.B.

Final Examination.—James P. McInerney, Kingston, N.B.

Primary Examination.—Smith Gustin, Bay City, Mich.

Sutherland Medal.—John Elder, B.A., Huntingdon, Q.

1885. Holmes Medallist.—Edwin G. Wood, Mitchell, O. Final Examination.—Smith Gustin, Bay City, Mich. Primary Examination.—Ed. J. Evans, Seaforth, Ont. Sutherland Medal.—H. A. Lafleur, Montreal, Q.

1886. Holmes Medallist.—Herbert S. Birkett, Montreal, Q.
Final Examination.—Walter W. White, M.A., St. John, N.B.
Primary Examination.—Walter I. Bradley, Ottawa.
Sutherland Medal.—Walter I. Bradley, Ottawa.

1887. Holmes Medallist.—Ed. Evans, Seaforth, O.

Final Examination.—Henri A. Lafleur, B.A., Montreal.

Primary Examination.—A. E. Garrow, Ottawa.

Sutherland Medal.—John Creasor, Owen Sound, O.

<sup>\*</sup> Deceased.

# HOW TO BECOME A REGISTERED PRACTITIONER.

The possession of an M.D. degree does not entitle the holder to practice. He must be registered. In the Provinces of the Dominion, with the exception of Ontario, the possession of a Degree in Medicine from a recognized University entitles the holder to register. In Quebec, graduates of the Universities of the province must appear in person at the May or September meeting of the Board, and present and swear to their diplomas. Registration is granted only at these periods. It is optional with the Board whether the holder of a degree from a Canadian University outside the Province of Quebec can register without further examination. In some cases the examination has been enforced. In Ontario, unless a registered practitioner of Great Britain, the examination of the College of Physicians and Surgeons of the province must be passed before registration. The examination is held every spring. In Nova Scotia, New Brunswick, Manitoba and British Columbia the provincial boards accept the degrees of Canadian Universities without examination. Prince Edward Island has as yet no Medical Board. In most of the West India Islands a certificate of registration in one of the Provinces of the Dominion entitles the holder to practice.

In the United States, holders of Canadian degrees in medicine can practice without additional examination or study. In many of the States, Medical Boards now exist similar to those in our Provinces, and the degree must be registered before a license to practice can be obtained. The custom varies in different States.

In Great Britain, colonial or foreign degrees are not registerable, except in the case of the University of Melbourne, and of holders of colonial degrees prior to 1850. To enable a colonial graduate to register, the examination of one of the numerous Licensing Boards must be passed.

A Graduate in Medicine of an American College, in order to register in any of the Provinces in the Dominion, must, (a) unless the holder of an Academical Degree, pass the Matriculation examination of the provincial Board; (b) attend some one of the Medical Schools in order to complete the curriculum (four years) required by the Boards, and (c) pass the professional examinations.

# DOCTORS IN MEDICINE.

Stearn's Co., Minn 1887 Aborn, W. H., Addison, Jas. L., \*Adsetts, John, St. George O Stearns Co., Minn 1884 1866 Grimsby, O 1871 Cornwall, O 1873 Belœil, Q 1866 Oconto, Wis 1872 Montreal 1885 Alexander, Robert A., Algaire, Duncan O., Alfard, Henry. †Allan, Hamilton, Allan, J. H. B., Allen, C. E. Alloway. Thomas Johnson, Montreal 1869 Anderson, Alex., Med. Dept. Indian Army 1866 \*Anderson, John C., Archer, Ths., Ardagh, Johnson, Orillia, O 1865 1869 1869 Armagn, Johnson, Armitage. J. H., Armstrong, Geo. E., \*Arnoldi, Daniel (Hon.), Arthur, R. H., Atkinson, Robert, 1886 1877 Montreal 1885 C.P.R.R. 862 Atkinson, Robert, Ault, Alexander, Ault, Charles, \*Ault, James F., Ault, Edwin D., Austin, Fred. John, Ayer, N., M.A., Aylen, John, Aylen, James, Aylen, P., Oshkosh, Wis Montreal 1860 1855 Aultsville, 0 Sherbrooke, Q Sackville, N.B 1868 1862 1880 Aylmer, Q 1857 Aylmer, Q 1863 Aylmer, Q 1886 Backhouse, J. B., Braidwood, Ill 1810 Bain, D. S. E., Staff Surgeon Maj. 1888 Bain, Hugh U., Prince Albert, Man 1874 Baird, James G., Pakenham, O 1870 Bay City, Mich 1885 Dawlish, Devon 1848 Parkhill, O 1870 Barclay, George, \*Barnston, James (ad. eun.), 1856
Barrett. Jos. A., Fenaghvale, 0 1881
Battersby, Charles, Port Dover 0 1861
Baynes, Jonald, M.A., Jondon, Eng 1876
Baynes, Geo. Aylmer, Montreal, Q 1869
Beaudette, Alfred
Beaudette, Alfred
Beaudety, Louis R. St. Césaire, Q 1871 Lisbon Centre, St. Law. Co., N.Y 1878 Montreal 1877 Beaudry, Louis B., Beckstead, M., †Bell, James, \*Bell, John, M.A., Bell, Robert, C.E., Bell, Robert W., 1866 1878 Ottawa 1873 Peterboro, O Quebec Belleau, Alfred, \*Bergeron, Joseph, Cornwall, 0 Seeley's Bay, 0 Toronto, 0 Bergin, Darby, Berry, J. A., Bessey, William E., 1887 Bessey, William E., Bender, Prosper, Benson, Joseph B., \*Bibaud, Jean G., \*Bibaud, Jean G., Blackader, Alex. D., B. A., Montreal, Q. 1885. Blackader, Alex. D., B. A., Montreal 1871. Blackader, E. H. P., B. A., Montreal 1871. Blacklock, John J., \*Blanchet, J. B., Blair, Robt. C., \*Bligh, John W., Bogart, Irvine D., Boggs, G. W., \*Bomberry, Geo. E., Bonesteel, S. A., Boone, S. W., B. A., Boulter, Geo. H., Stirling, O. 1852.

Bowser, J. C.,

\*Boyer, Louis,
Boyd, Jay.,

\*Boylan, Andrew A.,
Boyle, Albert D.,

\*Bowman, William E.,
Bowen, W., B.A.,
Bower, Silas J.,

\*Bradley, William,

\*Braithwaite, Francis H.,
Brandon, John, Kingston, N.B 1883 Vankleek Hill, 0 1887 Carbonear Nfld Quebec, Q Waddington, N.Y \*Braithwaite, Francis H.,
Brandon, John,
Breslin, William I.,
Brigham, Josiah S.,
Brissette, Henry R.,
\*Bristol, Amos S.,
Brodeur, Alphonse,
Brode, John,
Brouse, Jacob E.,
Brossard, J. B. J.,
Brown, J. L.,
Brown, J. L.,
Brown, Peter E.,
St. Anne de Bellerous, Ancaster, 0 1867 46th Regiment 1847 Brockville, 0 186 Laprairie, Q 1875 Plattsville, 0 1879 vue, Q 1863 405 W. Washington Brown, Chs. O.,

Browne, Arthur A., B. A., Montreal 1872
Bruneau, Adolphe Browne, Arthur A., B. A.,
Bruneau, Adolphe,
Bauneau, Oliver T. (Hon.),
\*Bruneau, Onésime,
Bryson, William G.,
Bucke, Richard Maurice,
\*Bucke, Edward H.,
\*Buckle, John M. C.,
Buckley, William P.,
Bull, George J.,
\*Bullen. Charles F.,
Buller, Frank,
Buller, Frank,
Buller, Frank,
Burgess, J. A., Prescott, 0 1870 New York 1869 Buller, Frank,

Burgess, J. A.,

Burgess, J. A.,

Burland, John H.,

Burland, Samuel C.,

Burland, William B.,

Burland, William B.,

Burland, William H.,

Burland, Benj. W.,

Burrows, F. N.,

Burrows, F. N.,

Burrows, Philip P.,

\*Burnham, Robert Wilkins,

\*Burns, Affred J.,

Burrit, Horatio C.,

Burwash, Hy. J., Milw. Ave., Chicago 1379

\*Butler, George C.,

Butler, George C.,

Butler, Billa F.,

\*Buxton, John N., \*Buxton, John N., 1863 1865 Wyandotte, Mich 1880 Montreal 1883 Cahalan, James, Wyandotte, Mich teameron, Chas. E., Cameron, D. A., Cameron, Paul, Cameron, James C., Cameron, John D., Cameron, John D., Cameron, John D., Cameron, K., B. A., Campbell, Donald Peter, Campbell, Francis Wayland, Montreal \*Campbell, J., Monee Pond, Australia \*Campbell, John, Campbell, John, Campbell, John, Campbell, John, Campbell, Lorne, Seaforth, Oleondon, Engilement of the campbell, Samuel, Sa Strathroy 1885 Alexandria, 0 1881 Portland, 0 1881 Portland, 0re 1877 Montreal 1874 Norway, Mich 1878 Montreal 1887

Seaforth, 0 1869 London, Eng 1882

Campbell, A. W., Cannon, Gilbert, Carmichael, D. A Carey, Augur, D.		
Cannon, Gilbert		
	Montreal, Q 1886	3
Commister I To	Almonte, O 1877	7
Carmichael, D. A	., Mar. Hosp. Serv	
a	Cairo, Ill 1878	į
Carey, Augur, D.	L. (ad eunl), 1864 Detroit. Minn 1879 Med. Supt. County um, Lancaster, Eng 1867 Coldstone O 1887	
Carman, Philip E.	Detroit. Minn 1879	t
Cassidy, David M.	Med Sunt Count	,
Acrel	Im Lores to County	
Cassidy Goo A	um, Lancaster, Eng 1867	
Cassidy, Geo. A.,	Goldstone, O 1885	
*Commit Donn F.,	Goderich, O 1865	
Carroll, Robert W	V. W 1859	
Carruthers, Georg	e, North Bedeane	
	um, Lancaster, Eng 1867 Goldstone, O 1885 Goderich, O 1865 V. W., Goderich, O 1865 e, North Bedeque P. E. I 1883 Lake Park, Minn 1881	
Carson, J. H.,	Lake Park, Minn 1881	
*Carson, Augustus	1040	
Carter, Samuel A	Mandam W. 1 1843	
Case, W Hermany	Meadow Vale. 0 1859	
Casgrain Charles 1	Hamilton, O 1879	
Cattonach And	E., Hon. Windsor, O 1851	
Cattanach, Andrey	VJ., Denver, Col 1871	
Cattanach, Angus A	v J., Denver, Col 1871 M, Dalhousie Mills, O 1882	
Cattanach, W. S.,	Glen Water, O 1886	
Chagnon, Vincelau	s G. B., Fall River	
	Lake Park, Minn 1881 1843 Meadow Vale. 0 1859 185, Hamilton, 0 1879 E., Hon. Windsor, 0 1851 W.J., Denver, Col 1871 M, Dalhousie Mills, 0 1882 Glen Water, 0 1886 S.G. B., Fall River, Mass 1861	
Cherry, William	Toledo, Ohio 1869 shbold, 1869 Bedford, Q 1860	
*Chesley, George A	Toledo, Ohio 1869 shbold, 1862 n E., Bedford, Q 1860 n E., Iberville, Q 1873 B.A., Ottawa O 1868 Alexandria, O 1878 , Bay Roberts, N'fid 1879 Palaluma, Son Co. Cal 1865 Lachute, Q 1872	
Chevalier Chat	1862	
Chevalian Mastave.	Bedford, Q 1860	
Chipmen, Napoleo	n E., Iberville, Q 1873	
Unipman, C. J. H.,	B.A., Ottawa () 1868	J
"Unisholm, Alex.,	Alexandria O 1878	1
Chisholm, Murdoch	Bay Roberts N'Ad 1970	1
Christie, George H.	Lachute 0 1079	ı
Christie, John B	Palaluma San C	ı
200,	Lataruma, Son Co.	
Christie Thomas	Cal 1865	
*Christia Taba II	Lachute, Q 1848	
christie, John H.,	B.A., 833 W 22d St.,	
Chairt TT T	Chicago 1875	i
Christie, W., B.A.,	Lachute, O 1887	
Unristie, Edmund	Chicago 1889	
Thurch Charles II	011101180 1002	
Charles H.	1000	
Church, Clarence R	Ottown 1862	
Church, Clarence R Church, Coller M	Ottawa 1862	
Church, Clarence R Church, Coller M., Church, F. W	Ottawa 1868 Aylmer, Q 1855	
Church, Clarence R Church, Coller M., Church, F. W., Church, Levi P. Ho	Ottawa 1868 Aylmer, Q 1855 Aylmer, Q 1880	
Church, Clarence R Church, Coller M., Church, F. W., Church, Levi R., Ho	Ottawa 1862 Aylmer, Q 1855 Aylmer, Q 1880 Montreal 1857	
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Church, Clarence R Church, Coller M., Church, F. W Church, F. W Church, Levi R., Ho Church, Mills K., *Church, Peter H., Clarke, Hy. J., Clarke, Octavius, H.	Ottawa 1868 Aylmer, Q 1885 Aylmer, Q 1885 Aylmer, Q 1880 Montreal 1857 Merrickville, O 1864 Winnipeg, Man 1881 E., Cohoes, N. V. 1870	
Church, Clarence R Church, Coller M., Church, F. W. Church, F. W. Church, Levi R., Ho Church, Mills K., *Church, Peter H., Clarke, Hy. J. Clarke, Octavius, H. Clarke, Wallace B.	Ottawa 1868 Aylmer, Q 1855 Aylmer, Q 1855 Aylmer, Q 1880 m. Montreal 1857 Merrickville, O 1864 Winnipeg, Man 1881 E., Cohoes, N. Y 1870 A. Hite, N. V. 1871	
Church, Clarence R. Church, Coller M., Church, F. W., Church, Evi R., Ho Church, Mills K., "Church, Peter H., Clarke, Hy. J., Clarke, Octavius, H. Clarke, Wallace B. & Clarke, Henry J., Clarke, Henry J.	Ottawa 1868 Aylmer, Q 1885 Aylmer, Q 1885 Aylmer, Q 1880 Montreal 1857 Merrickville, O 1864 Winnipeg, Man 1881 E., Cohoes, N.Y 1870 A., Utica, N.Y 1871 A., Utica, N.Y 1871	
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Church, Clarence R Church, Coller M., Church, F. W., Church, F. W., Church, Levi R., Ho Church, Mils K., *Church, Peter H., Clarke, Octavius, H. Clarke, Gotavius, H. Clarke, Hy, J., Clarke, Grand A., Clarke, F. G. B., Clarke, J. L., Clemesha, John W., Clement, Victor A., *Clurke, John D., B. Clunes, Daniel, Codd, Alfred, *Collins. Charles W., *Collin	Ottawa 1862 Aylmer, Q 1855 Aylmer, Q 1855 Aylmer, Q 1850 M. Montreal 1857 Merrickville, O 1864 E., Cohoes, N.Y 1870 A., Utica, N.Y 1871 Pembina, Dakota 1884 Essex Co. O 1870 Fordwych Road, urn, London, Eng 1876 Waterloo, Q 1886 Port Hope, O 1867 St. Guillaume O 1866 A., 1874 Nanaimo, B.C 1870 Winnipeg, Man 1865	
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Church, Clarence R Church, Coller M., Church, F. W., Church, E. W., Church, Levi R., Ho Church, Mils K., "Church, Peter H., Clarke, Octavius, H. Clarke, Octavius, H. Clarke, Richard A., Clarke, F. G. B., Clarke, J. L., Kilb Clemesha, John W., Clement, Victor A., "Clinke, J. L., Clemest, J. L., Clemest, Victor A., "Clinke, J. L., Clemest, Victor A., "Collins. Charles W., Collins. Charles W., Ch	Ottawa 1868 Aylmer, Q 1855 Aylmer, Q 1855 Aylmer, Q 1885 Aylmer, Q 1880 m. Montreal 1857 Merrickville, O 1864 1846 Winnipeg, Man 1881 E., Cohoes, N. Y 1870 A., Utica, N. Y 1871 Pembina, Dakota 1884 Essex Co. O 1870 Fordwych Road, urn, London, Eng 1876 Waterloo, Q 1886 Port Hope, O 1867 St. Guillaume O 1866 A., 1874 Nanaimo, B. C 1870 Winnipeg, Man 1865 , St. Law Co., N. Y 1878	
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Cook, Guy R., B.A., Cook, Hermon L., Cook, Sheldon E., Cooke, Charles H., Cooke, Sydney P., Cooke, W. H.,	Louisville, N Y 1876 Napanee, O 1854 Aultsville, O 1884 Toronto, O 1866 Hull, Q 1869 Wolfston, Q 1876	1
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6	Daly, Walter S. Ordensham U.S. 1868
	*Dansereau. Charles
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9	Dansereau, Pierre,
5	Davey, J. H., Philadelphia 1886
5	Davey, J. H., Philadelphia 1866
3	Daly, Guy D. F., Daly, Walter S., Pansereau, Charles, Pansereau, Charles, Pansereau, Pierre, Davey, J. H., Davey, J. H., Davigs, Thomas B., Davigs, Thomas B., Davignon, F. F., Dawson, R. B. A., Daze, Henri, Dearden, G. A., Paese, Pater Warron  Sutton, Q. 187  186  Pdeale, Barren  Montreal 1882  Victoria, B C 1882
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3	Daze, Henri Montreal 1882
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3	*Dease, Peter Warren.
	DeBonald, C. S., Berthier en hant 0 1862
	DeBoucherville, Charles B., Quebec 1843
	Decow, D. McG., Montreal, Q 1886
	Demorrant P. G., Roxton Falls, Q 1868
	Derby W J Stirling, 0 1852
	*Desaulniers Antoine A Rockland, O 1882
	Dawson, R., B A., Daze, Henri, Dawson, R., B A., Daze, Henri, Dearden, G. A., Wontreal 1885 Dearden, G. A., Victoria, B C 1882 Montreal 1885 Dearden, G. A., Wolfer, G. Berthier en haut, Q 1882 DeBoucherville, Charles B., Quebec 1843 Decow, D. McG., Montreal, Q 1886 DeGrosbois, T. B., DeGrosbois, T. B., DeGrosbois, T. B., DeGrosbois, T. B., Decow, D. M., Montreal, Q 1886 Montreal, Q 1886 Montreal, Q 1886 Montreal, Montreal, Montreal, Montreal, Montreal, 1860 Montreal, Montreal, 1861 Montreal, Montreal, 1861 Montreal, Montreal, 1863 Montreal, 1864 Montreal, 1864 Montreal, Montreal, 1863 Montreal, 1864 Montreal, 1865 Montreal, Montreal, 1863 Montreal, 1864 Montreal, 1865 Montreal, 1864 Montreal, 1865 Montreal, 1866 Mont
	Dibblee, G. G., Moor's Mills, NB 1880
	*Dice, George, 1864
1	*Dick, James R.,
1	*Dickinson, James S., 1846
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1	Dickson, William W., Dickson, J. A., Dickson, J. A., Trenholme, Q 1887
	Dighy, F Winnight Pronting Q 1887
1	*Dodd, John, 1864
	Doherty, W. W., Campellton, N B 1885
	Donnelly, C. H., Waresville, Texas 1860
1	*Dorion, Severe, 1843
1	Dorland, Enoch G., 1850
1	Dorgan Was Milwaukee, Wis 1875
1	Douglas, James (Hon), 1847
j	Dowling, John F., Egansville, O 1875
29	Drake, Joseph M., 1861
	Oubuc, Charlemagne, Montreal 1864
1	Dubuc, Charlemagne, Montreal 1864 Flucket, Stephen, 1853 Ouckett, William A., Montreal 1859 Ouford, Thadee A., St Sebastien, Q 1865 Ouhamel, Louis, Hull, Q 1860 Ouncan, Geo., Fareham, Hants, Eng 1866 Ouncan, Gedeon M., Bathurst, N B 1871 Ouncan, George C., London, Eng 1875 Ouncan, James S., Surg. Mag, Army 1858 Duncan, John.
1	Duckett, William A., Montreal 1859
T	Julora, Thadee A., St Sebastien, Q 1865
T	Junear Good Foreland Hull, Q 1860
Î	Juncan Godeon M Pathwest N.B. 1866
Î	Juncan, George C. London Fra 1875
I	Juncan, James S., Surg. Mag Army 1858
*	Duncan, John, 1871
Ī	Juncan, John A., Moose Jaw, N. W.T 1884
Ţ	Juncan, W. T., Fergus Falls, Minn 1882
L	Ounlop, H. A., Crookston, Minn 1882
T	Dunn, William Oscar,
T	Junismore, John M., Stratford, O 1870
1	Duncan, James S., Surg. Mag, Army 1858 Duncan, John A., Duncan, John A., Duncan, W. T., Duncon, W. T., Dunlop, H. A., Crookston, Minn 1882 Dunn, William Oscar, Dunyis, Joseph B., Clarenceville, Q 1856
F	aston, John. Brockville O 1850
E	Easton, C. Laston's Corners O 1887
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1035 1	Gilmour, Angus A., Modesto, Cal 1888 *Giroux, Philippe, Girdwood, Gilbert P., Montreal 1869 Gladman, G. J., East Syracuse, N.Y 1886 Glen. C. W. E., Godfrey, Robert, Godfrey, Abraham C., Freemantle,
Eberts, D. W., Winnipeg 1885 Edgar, C. J., London, 0 1855 Edwards, Eliphalet G., London, 0 1880 Edwards, J. S., London, 0 1880 Edwards, Ohver C., Qu'appelle, N W T 1873 Edwards, Ohver C., Qu'appelle, N W T 1873 Huntingdon, Q 1885	*Giroux, Philippe, 1859
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Edwards, J. S., London, O 1873	Glen, C. W. E., Chambly, Close
Edwards, Oliver C., Qu'appelle, N., Q. 1885	Godfrey, Robert, Montreal 1044
Elder, John B. A., Elder, John B. A., Elderkin, Edwin J., Hants Co., N S 1884 Elkinton, A. G., Sur. Maj. Gren. Grds 1862 Ellison, S. R., Ellis, W. E., St. Catherines, O 1887 Empry, Gorden J., Minneapolis, Minn 1857	Godfrey, Robert, Godfrey, Abraham C., Freemantle, Southampton, Eng 1865
Elderkin, Edwin J., Honts Co., NS 1884	
Mai Gren, Grds 1864	
Elkinton, A. G., Sur. Maj. dick N Y 1873	Godforth, Franklin, Runcorn, Chester, Eng 1863
Ellison, S. R., St Catherines, O 1887	To Ct Philip Barbadoes.
Ellis, W. E., T. Minneanolis, Minn 1857	Gooding, Chs. E., St. Filip, Darsda W 1884
	Gordon, C. M., Aylwin O 1881
* English, 1. 1. 1	Gordon, C. M., Arlington, Ill 1868
*Erskine, John, St. Eugene, Q 1867	Gordon, Robert,  *Gordon, W. W., Graham, Charles E., Graham, George A.,  Hull, Q 1865 1884 1884
Ethier, Calixte, Evans, Griffith, *Evans, E. J., Ewing, William, Hawkesbury, O 1873	Crober Charles E., Hull, Q 1865
	Graham, Charles A., 1884
*Evans, E. J., Ewing, William, Seaforth, O 1887 Hawkesbury, O 1873	*Graham, Henry, Graham, Kenneth, D., Graham, J.,
Ewing William, Hawkesbury, O 1013	Graham, Kenneth, D., Ottawa, O 1866
1 T 1966	Graham, J., Westmeath, 0 1863 Woodbridge, 0 1863
Falkner, Alexander, Lancaster, 0 1866 Chicago 1878	Graham, J., Grant, Donald J., Grant James A., Ottawa, 0 1853
Falls, Samuel K., Dringston O 1872	Grant, James A., Ottawa, O 1882
Falls, Samuel K. Farewell, G. McGill, Farewell, W. G., Farley, Jas. T., Fremont Farley, John J., Faulkiner, George W., Falls, Samuel K. Cincago 1872 Princeton, 0 1872 Oshawa, 0 1868 Centre, Mich 1877 Belleville, 0 1873 Stirling, 0 1871	Grant, Jonald J., Grant, James A., Grant, Jas. A., Jr., B.A., Grant, William, Grant, J. H. Y., Gray, John S., Gray, James, Gray, Gra
Farewell, W. G., ant Centre, Mich 1877	Grant, William, Ottowa, O 1886
Farley, Jas. T., Fremont Centrolle, 0 1873	Grant, J. H. Y., Winning Man 1876
Farley, John J., Faulkner, George W., Faulkner, D. W., Faulkner, D. W., Feader, H. C., Feader, H. C.,	Gray, John S., Paisley, 0 1879
Faulkner, George W., Foxboro, O 1878	Gray, Thomas, Minneapolis 1883
Faulk ner, D. W., Chicago, Ill 1881	Gray, James, Pembroke, 0 1881
Feader. H. C., Prescott, O 1886	Gray, W. L., Barbadoes 1877
Feilde, E. C., E. Montreal, 1847	Greaves, Henry C., St. Catharines, 0 1878
Fenwick, Geo. B., Dalhousie Mills, O 1866	Greenwood, F. S. Minia, Halifax, NS 1876
Ferguson Wm A. B.A.,	*Cronion I. P. A.
Fillmore E. W., Baie Verte, N.B 1887	Gray, James, Gray, James, Gray, James, Gray, W. L., Greaves, Henry C., Greenwood, F. S., St. Catharines, O 1878 Greer, T. A., C.SS. Minia, Halifax, NS 1876 Groves, George H., Carp, O 1879 Grayes, W., Carp, O 1879 Carp, O 1889
Finlay, F. G., Montreal 1884	Groves, W.
Fault ner, D. W., Feader, H. C., Feilde, E. C., Fenwick, Geo. E., Ferguson, Alex.R., Dalhousie Mills, O 1866 Ferguson, Wm. A., B. A.; Fillmore, E. W., Finlayson, John, Finlayson, Finlayson, John, Finlayson, Finlayson, Finlayson, Finlayson, Finl	Guerin, James J. E., Montreal 1873
Finnie, John T., Montreal 1847	Guest, Thomas F., St. Marys, 0 1861
*Fisher, John, 1865	Gunn, James, Durham, Co. Grey, James, Wentreal 1879
*Fitzgerald, James, Mannishurg 0 1887	Gurd, David F., Der City Mich 1885
*Fisher, John, *Fitzgerald, James, Flagg, J. D., Fortune, Louis M., Fortin, Pierre, *Exercer Staphen Sewell,	Groves, George H., Carp, 0 1888 Groves, W., Guerin, James J. E., Guest, Thomas F., Gurn, James Purham, Co. Grey, 0 1873 Gurd, David F., Gustin, Smith, Gustin, Wm. Claud, Gustin, Wm. Claud, Gustin, Wm. Claud, Groves, George H., Carp, 0 1888 Montreal 1879 Montreal 1879 Bay City, Mich 1885
Fortune, Louis M., Mont eal, Q. 1845	Gustin, Wm. Claud, Detroit,
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*Foster, Stephen Sewell, Gananoque, O 1868	Hagarty, D. M. J., Portage la Prairie Manitoba 1866
Fraleigh, William S., Perth. 0 188	1848
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*Freser William.	*Hall, James B., 1848
Fortin, Pierre,  *Foster, Stephen Sewell, Fraleigh, William S., Fraser, H. D., Fraser, Alex. C.,  *Fraser, William H., Fraser, William H., Fraser, Donald M., Fraser, Donald, Fraser, Donald, Fraser, Donald,  *Fraser, Donald,  *Fr	Hall, James B.,  Hall, J. A. G.,  Hall, A. G.,  Hall, W.,  Hallett, E. O.,
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Gibson, J. B., Burlington, Vt. 1	864 Harrison, H. 3.,  Hart, George C.,  Kannington, E. B. C.,  Halifax, N. S. 18  Halifax, N. S. 18  Halifax, N. S. 18
Gilbert, Henry L., Sherbrooke, G.	Harrison, David H.,  864 Harrison, H. J.,  Prescott, 0 IS  Hart, George C.,  Vale, B.C IS  Harkins, A. C.,  Halfax, N.S IS  Simon, 0 IS
*Gibson, Edward B., Gibson, J. B., Gilbert, Henry L., Gillis, John A. F., Gillis, John A. F., Gillies, John,	847 Hayes, James,
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Haythorne, T. J., B.A.,  Heard, C. DeW.,  Hebert, P. Zotique,  Henderson, Alex. A.,  Henderson, E. G.,  Henderson, Peter A. M.,  Henderson, Andrew. Calga  Henry, Walter Hon.)  Henry, Walter Hon.)  Henry, Walter J.,  Herrey, Jonas J.,  Hetrey, Jonas J.,  Hetrigton, Harry,  Heyd, H. E.,  Hickey, Charles E.,  Mor  Hickey, Samuel A., B.A., At  Higginson, H. A.,  Winni  Hills, Joseph,  Hockridge, Thos. G.,  Lor  Holden, Rufus,  Holden, Rufus,  Holden, Rufus,  Holwell, John,  Kingston  Holwell, John,  Kingston  Howard, James,  Howard, James,  Howard, James,  Howard, R. J. B., B.A.,  Howard, R. Palmer,  Howard, R. J. B., B.A.,  Howard, R. Palmer,  Howard, R. J. B., B.A.,  Howley, W. H.,  Howitt, Wm. H.,  Heeland, Francis L.,  Hunthert, E. Augustus, Brook  Hund, Ed. P.,  Newburypo  Hurdman, Benj, F. W.,  Hurt, Lewis G., B.A.,  Stranda, A.,  Hutchison, Jas. A.,  Murchison, Jas. A.,  Inrie, A. W.,  Inrie, A.	
Haythorne, T. J., B.A.,	Charlotte-
Heard, C. DeW.	wn, P.E.I 1886
Hebert, P. Zotique, White	eelby, Eng 1880 ehall, N.Y 1873 Ottawa, O 1870 1874
*Henderson, Alex. A.,	Ottawa, 0 1870
*Henderson, Peter A M	1874
Henderson, Andrew, Calga	ry, N.W.T 1848
*Henry, Walter (Hon.)	ry, N.W.T 1880 1853
Henry, Walter J.,	1856
Henwood, Alfred J., Br.	roit, Mich 1883 antford, O 1879
*Hervey, Jonas J.,	1866
Heyd. H. E., Bu	Hatley, Q 1872 ffalo, N. Y 1881
Hickey, Charles E., Mor	risburg, 0 1866
Hickey, Samuel A., B.A., At	altsville, O 1874
Hills, Joseph. Woonso	peg, Man 1881
Hingston, W. H.,	Montreal 1851
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Holwell, John. Kingston	Tempies 1844
*Holmes, Andrew F., [ad eur	1], 1843
Hopkins, Alfred J., Coo	kshire, Q 1883
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Howard, R. Palmer,	Montreal 1848
Howden, Robert T. Winni	Montreal 1882
Howley, W. H., Detr	oit, Mich 1878
Howitt, Wm. H.,	pronto, O 1870
Hughes, P. H., Stra	throv 0 1886
Hurlbert, E. Augustus, Brook	lyn, N.Y 1860
*Hunt. J. J.	Leeds, Q 1875
Hunt, Henry, William	stown, 0 1876
Hunt, J. H., Surg. Maj. Ari	my, Med
Hunt, Lewis G., B A., Sheffin	Dept. 1869
Hurd, Ed. P., Newburypo	rt, Mass 1865
Hurdman, Benj. F. W., Inve	rness, Q 1882
Hurlburt, George W., Thorn	bury 0 1859
Hurlburt, Richard W., Mit	chell, 0 1873
Hutchison, Jas. A., Bru	Issels, O 1878 Iontreal 1884
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Imrie, A. W., Inksetter, D. G., Irvine, James C., Irvine, R. T., Irwin, J. L., Ives, Eli,  Detro Cos Cos Cos Cos Costie	it, Mich 1879
Irvine, James C., Liverno	sta Rica 1880
Irvine, R. T., Watkin	ns. N.Y 1885
Ives. Eli	Chicago 1879
Coatre	ооке, Q 1863
*Jackson, A. T., Jackson, W. D.	1846
Jackson, Joseph A. Mancheste	ville, 0 1873 er, N.H 1879
*Jamieson, Alex., B.A.,	1877
Jamieson, Thomas A.,	1877 1875 g, Man 1879
Johnson, C. H., Austin	g, Man 1879 , Minn 1884
Johnson, H. D., Charlottetown	, P.E.I 1885
Johnson, J. C., Surg Mai	n Eng 1876
Johnson, J. R., Spring Valley	Army 1867 Minn 1883
Johnson Thomas C	ille, O 1887
Johnston, W. G., San	rnia, O 1887 rnia, O 1871 ontreal 1884
Jones, Charles R. Hai	tley, Q 1874 , Iowa 1874
*Jones, Thomas W (and	, Iowa 1874
*Jones, Jonathan C., (ad eun),	1854 1865
Jones A I M. Prese	cott, 0 1856 hicago 1873
Jackson, A. T., Jackson, Wm. Fred. Brock Jackson, Joseph A., Mancheste Jamieson, Alex., B. A., Jamieson, Thomas A., Jamieson, Chas. J., Winnipe, Johnson, G. H., Johnson, G. H., Johnson, J. C., Surg. Maj. Johnson, J. C., Surg. Maj. Johnson, J. W., Johnson, Thomas G., Jones, George N., Jones, George N., Jones, George N., Jones, Jonathan C., Josephs, G. E., Pembr	hicago 1873
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Konnor W T M.
Kearney, W. J., Mariposa, California 1875
Keefer, Wm. N., B. A., Surg. Maj.
Thelly Clinton Warma Taria in Tr
Kelly, Patrick N Rochester, Minn 1884
*Kelly, Wm., Rochester, Minn 1884
+ IZ all - 700 1846
†Kelly, Thos., Durham, O 1873
Durham O 1007
Trades O 1004
Kennedy, Richard A Montanal 1004
Killow St Tet C 1858
Killery, St. John, Surg. Maj. Army 1862
King, Reginald, A. D., Compton. Q 1858 King, Richard, Peterboro, O 1867
Ring, Richard, Peterboro, O 1867
Kirknotsiel D C D
Kitteen Edmand C
Klock, Robert H., Bryson, Q 1882
MIUCK, W. H Avlmon O 1005
Rhowles, James A.,
*Kollmyer, Alex. H., 1856
1000
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Laberge, Ed., St. Philomene, Q 1856

Konmyer, Al	ex. H., 1856
Laberge, Ed.,	St. Philomene, Q 1856
Lafferty, A. M	Parth () 1007
Laneur, H. A	B. A. Montreal 1907
Landor, Thoms	ISH CD DI O 1004
Lane John A	1000
Lang, C. L.	Kalamazoo, Mich 1876 New Richland, Minn 1881
Lang, W. A.	New Righland Min 1975
*Lang, Thomas	New Richland, Minn 1881
*Lang, Thomas Langlois, O. X.	Amherstberg, 0 1866
*Langrell, Rich	Amnerstberg, O 1875
Lathern, J. S.,	Montreal 1847
Laurin, Edgar	Halifax, N.S 1883
Law. D. W.C.	Deer Lodge, Mon 1881
Law, D. W. C., Law, William I	Bond Head, O 1863
tLawford, John	
*Lawrence, Her	
Leavitt, Julius,	
Leclerc, George	Melbourne, Q 1866
Leclair, Napole	
Lee, James C.,	, 1001
*Lee, John Rolp	1858
Lefebvre, John	
Leggult D Sol	
Lemoine C St	Pierre, Isle d'Orleans 1850
Lengilleur Leor	and lette, 1ste d Orleans 1850
Lepailleur, Leon Leprohon, John	nara, 1848
Levi, Reuben,	L., Montreal 1843
Lindsay, Heriot,	New York, U.S 1870
*Lister, James,	
*Lloyd, H. W.,	1862
*Locke, C. F. A.	1879
*Logan, David I	
Logan, Robert,	
*Logan, William	Iona, Mich 1880
*Long, Alexande	1833
Longley, Edmun	
Longpre, Pierre	
Loring, J. Brown	F., Quebec 1848
*Lounret Andra	1000
Loux, William	Russell, O 1870
Loucks, W. F.	Russell, O 1870 Stirling, O 1887
Loux, William, Loucks, W. F., *Loverin, Nelson Lovett, William.	Stirling, 0 1887
Lovett, William.	1855 Avr. O 1876
*+Lucas. T. D'Ar	cy, Ayr, 0 1876 1869
*†Lucas, T. D'Ar Lunam, H., B.A.	, Campbellton, N.B 1881
Lundy, E. L.,	
Lyford Chas. C.,	Surg. Maj. Army 1862
Lyon, Arthur,	Minneapolis, Minn 1879 Shawville, Q 1861
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Pembroke, O 1881 | Maas, Rydolph V.,

Chicago, Ill 1880

McKelcan, George Lloyd, Hamilton, 0 1860 McKenzie, J. T., Plainfield, 0 1884 \*MacDiarmid, John D.,
MacDonald, Angus,
Macdonald, Colin,
MacDonald, R. T. E.,
MacDonald, Roderick Æneas,
Stoney Mountain, Man 1874
Ottawa 1849 MacDonell, Æneas,
MacDonell, Æneas,
MacDonell, Æneas,
MacDonell, R. L., B. A., Montreal 1876
MacFarlane, Wm., Almonte, Q 1869
MacFarlane, Wm., Almonte, Q 1869
MacIntosh, Robert, Rapid City, N.W. T 1863
Mackie, J. B., 1866
\*Mackie, J. B., 1869
\*Macklem, Samuel S., Maclean, Archibald, Sarnia, O 1867
Macnabb, Francis A. L., 1879
Macnabb, Francis A. L., 1870
MacArthur, Robert D., Chicago, Ill 1887
McArthur, John A., Winnipeg 1885
McArthur, John A., Martintown, O 1874
MagCallum, Duncan C., Montreal 1857 McArthur, J.,
McBain, John,
McCann, J. J., B. A.,
McCarthy, W. B. A.,
McCollum, E. P.,
McConkey, T. C.,
McCorniek, John B.,
McCormack, N.,
McCormick, Andrew G., Richmond, Q.
McCormick, Andrew G., Richmond, Q.
McCrimmon, Donald A., Lucknow, O.
McCrimmon, John,
McCrimmon, Milton,
McCurlag, W. J., San Francisco. Cal
McCullough, George,
McCully, Oscar J. M. A., Baie Verte,
McCurdy, John.
McCurdy, John.
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McCurdy, John.
McChapter McCurlough, Michael, (Hon.
McCurly, John.
McChapter Michael, (Hon.
Michael, (Ho 1874 1878 1882 1874 1886 1843 Chatham, N.B McCurdy, John, McDermid, Wm. E., McDiarmid, Donald, Dunvegan, O 1875 Athol, O 1867 Hensall, O 1873 McDiarmid, Donald,
McDiarmid, James,
McDonald, Alex.,
McDonald, Alex.,
McDonald, John A.,
McDonald, John A.,
McDonald, John A.,
McDonald, John A.,
McDonald, Alex. R.,
McDonald, Alex. R.,
McDonald, Alex. R.,
McDonald, A. D.,
McDonald, A. D.,
McDonald, A. D.,
McDonald, Angus C.,
McDonald, Angus C.,
McDougall, Peter A.,
McEachran, W.,
McEachran, W.,
McEachran, W.,
McEannon, E. A.,
McEannon, E. A., Paisley, 0 1883 Alexandria, 0 1885 Montreal 1880 1880 1873 Acton Vale, Q Spencer, Iowa 1880 Boyd, Wis 1882 Carleton, N. B 1887 Glendonald, O 1887 N. Lancaster, O 1887 1874 Alexandria, O Montreal Ottawa, O Winnipeg, Man Carlton Place, O McEwan, Findlay,
McGannon, E. A.,
McGannon, M. C.,
McGannon, T. G.,
McGarry, James,
McGarry, James,
McGeachy, William,
McGellivray, Donald,
McGowan, Henry W., Beebe Plain, Q
McGrath, Thomas,
McGrath, Thomas,
McGrath, Thomas, 1857 McGrath, Thomas,

\*McGregor, Duncan,
McGuigan, W. J.,

\*McGuigean, W. J.,
McGuire, Bernard D.,
McIlmoyl, Henry A.,
McInnes, Walter J.,
McInnes, Walter J.,
McIntosh, James P.,
McIntosh, James Vankleek Hill, O 1859
McIntosh, Donald J., Vankleek Hill, O 1850
McIntosh, Peter A.,
Souris, P. E. I 1867

McKenzie, J. T.,
McKenzie, B. E., B.A., Kingston Road
Toronto, 0 McKenzie, K. A. J., Portland, Oregon 1831 McKay, John, Woodville, O 1869 McKay, Walter, Courtland, O 1854 McKay, J. M., Wallace, N. S. 1886 McKinley, John K., Bristol Q 1878 Bristol Q 1878 Alexandria Ö 1887 Brudenell, P.E.I 1869 McKinley, John K.,
McKinnon, H.,
McLaren, Peter,
McLaren, Peter,
McLaren, Peter,
McLaren, Peter,
McLaren, Peter,
McLean, J. W.,
McLeod, Arch., B. A.,
McLeod, James, Charlottetown, P.E.I.
McMeckin, J. W.,
McMillan, Eneas J.,
McMillan, Louis J. A.,
Mansonville, Q.
McMillan, E. P.,
McNees, Stewart,
McNeese, James, Montreal Galt, 0 1880 1884 McNee, Stewart, Montreal McNeece, James, Montreal McNeece, James, Vernon River, P. E. I McNulty, M., Brashers Falls, N. Y McQuillen, James, Marquette, Mich \*McRae, George, McTaggart, Alexander, \*McNean, John M., London, O McHassan, John M.,
Madill, John,
Maher, J. J. E.,
Major, George W., B.A.,
Malcolm, John Rolph,
\*Malloch, Edward C.,
\*Malloch, William B.,
Mallory, Albert E.,
Marceau, Louis T.,
Markell, Richard S.,
\*Marr, Israel P.,
Marr, Walter H., W. 33Marston, Alonzo W.,
Marston, Alonzo W., Alliston, O New York Montreal Scotland. 0 Warkworth, 0 Cloverdale, Cal W 33rd St. N. York 1859 V., Hull, Q 1871 Cheyenne, Wy 1863 Montreal 1883 Marston, Alonzo W Marston, John J., Martel, Ovide Mason, J. L., M.A , Brailsford, Derby, Omaha, U.S 1875 St. Mary's, 0 1871 Mattice, Rich. J., Omaha, U.S 1876
†Mathieson, John H., St. Mary's, 0 1871
\*Mathieson, Neil, Mayrand, William, Meahan, J. C., Bathust, N. & 1878
Meane, John, Staff Surg, Mai, Army 1899
Meck, Jas. A., 20 W 25th St., N. York 1876
\*Meigs, Malcolm R., Merzies, John B., Ft. Gratiot, Mich 1879
\*Merzies, John B., Ft. Gratiot, Mich 1879
\*Merritt, D. P., B.A., Fitzroy Haubor, 0 1884
Merritt, D. P., B.A., Fitzroy Haubor, 0 1884
Metcalfe, Henry J.
Mewburn, F. H., Galt Mines, N.W. T. 1831
Mignault, Henri A., St. Denis. Q 1891
Mignault, L. D., B.A. Montreal
Mills, Thos. W., M.A., Montreal
Mills, Thos. W., M.A., Morror, Q 1874
Mills, Thos. W., M.A., Morror, Q 1874
Mills, Thos. W., M.A., Abereorn, Q 1874 Mattice, Rich. Mills, Thos. W., M.A.,
Miner, Frank L.,
\*Mines, W.,
Mitchell, Fred. H.,
M. flatt, John E.,
Monatt, Walter,
Molson. Wm. A., Abercorn, Q London, 0 1871 Staff Surg. Army 1861. Pensacola, Flo 1852 Montreal 1874

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Monk, George H., Dillonton, Q 1875	Perr
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Moore Jehiel T., Tilsonburg, O 1874	*Phe
Moore, Joseph,	Phili
Moore, Richard, 1853	Phip
Moore, Robert C., St. Paul, Minn 1869	*Pios
Moore, William, Algonac, Mich 1881	Pick
Morgan V H	Pinso
*Morrison David R	*Pine
Moore, Joseph, Moore, Richard, Moore, Robert C., Moore, William, Morrison, Joseph, (Hon.) Morgan, V. H., Morrison, David R., Morrison, J., M.A., Mount, John W., Munro, Alexander, Munro, Alexander, Munro, Alexander, Montreal, 1857 Munro, Alexander, Montreal, 1877 Munro, Alexander, Montreal, 1877 Munro, Alexander, Montreal, 1877 Munro, Alexander, Montreal, 1877	Pine
Mount, John W. Montreel 1851	Pome
Munro, Alexander, Montreal 1876	
Munro, James T., Dominionville, O 1872	Poole
	Porte
*Murray, Charles H., B. A., 1876 Murray, D., Plainfield, N. S. 1886 Musgrove, W. J., Drayton, Dak. 1882	
Murray, D., Plainfield, N.S 1886	Pothi
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Neilson W. J. Winnings Man 1979	Powe
Neilson, W. J., Nelles, J. M., Nelles, John A., Winnipeg, Man 1878 Canton, Ill 1875 London, O 1850	Powe
Nelles, John A., London, O 1850	Powe †Pow
*Nelson, Horace, *Nelson, Wolfred (Hon.)	Pow
*Nelson, Wolfred (Hon.) 1848	
Nelson, Wolfred D. E., Panama, C.A 1872	Power
Nelson, W. M. F., Montreal 1884	Pring
Nesbitt, Jas. A., Salt Lake City, Utah 1868	Pring
Nicol, Wm. R., Watkins, N.Y 1872	Pross
Norten Thomas H., 1862	Proud
*Nelson, Horace, *Nelson, Wolfred (Hon.) Nelson, Wolfred D. E., Panama, C. A 1872 Nelson, W. M. F., Montreal 1884 Nesbitt. Jas. A., Salt Lake City, Utah 1868 Nicol, Wm. R., Watkins, N. Y 1872 *Nicholls, Chas. R., Kalt Marker (King, Olser) Norman, T. J., King, Olser, Olser, Watkins, W. M. D., Stractsville, Olser, Olser, Olser, W. M. D., Stractsville, Olser, Ol	Proud
King, 0 1887	Proul
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O'Brien, Thos. B. P., Srg. Maj. Army 1862	Pulfo
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Renfrew, 0 1873	*Quesi
Oakley, Wm. D., O'Brien, Thos. B. P., O'Brien, Robert S., O'Brien, David, O'Brien, T. J. P., O'Brien, T. J. P., O'Brien, Timothy, O'Callagan, Cornelius H	
O'Callagan Compoling H Brudenell, O 1884	Rae, J
	Ramba
	*Rattr
*O'Garr, Peter, Mass 1880 *O'Connor, Daniel A., 1867 O'Dea, James J., Stapleton, Staten Island, N. Y 1859	Rattra
*O'Connor, Daniel A., 1867	Raymo
O'Dea, James J., Stapleton, Staten	Raymo
Odell Will Island, N.Y 1859	Raymo
Odell, William, 1849	D .
Minto, Dakota 1882	Read, Reavel
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O'Leary Patrick St. Pascal, Q 1866	Reddie
Oliver, James W. Mayo, P. Q 1859	Reddy
O'Reilly, Charles Toronto O 1867	*Reddy
Orton, T. H., Hamilton, O 1886	
Osborne, A. B., Hamilton, O 1886	Reed,
Odell, William, O'Keefe, Henry, Ogden, H. V., B.A., O'Leary, James, O'Leary, Patrick, Oliver, James W., O'Reilly, Charles, Orton, T. H., Osborne, A. B., Osborne, A. B., Osborne, A. B., Osler, Wm., 131 S 15th St., Philadelphia 1872	Reid, Reid,
*Padfield Charles W	*Reid,
Padfield, Charles W. 1868 Palmer, G. F., Courtwright, O 1885 Painchand, Edward S. L., Varennes, Q 1848 Pallen, Montrose A., New York 1864 Palmer, Loran L. Toronto, O 1866 Paquin, Jean M., 1843	Kenner
Painchaud, Edward S. L. Varannez O 1885	Reynol
Pallen, Montrose A New York 1864	Reynol *Reyno
Palmer, Loran L.  Paquin, Jean M.,  Paradis, Henri,  Paradis, Pierre E.,  Park, George A.	Richard
Paquin, Jean M., 1843	Richmo
Paradis, Henri,	Ridley,
*Park (Serve E.,	*Rielle
Parke Charles 1.,	Riley,
Parker Rufus C., 1866	
*Patterson James M Canton, Mass 1866	Rinfret
Paterson, James Winning W. 1855	*Rintou
Pattee, George, Winnipeg, Man 1864	Richard
*Paradis, Pierre E., 1867 Park, George A., 1877 Parke, Charles S., 1876 Parker, Rufus S., Canton, Mass 1866 Patterson, James M., Patterson, James, Pattee, George, Pattee, Richard P., Patton, Edward P., Parker, George, P., Parker, G., Parker, G., Parker, Rufus S., Parker, Rufus S., Patterson, James M., Patterson, P., Patterson,	Richard
Patton, Edward K., Plantagenet, 0 1874	Riordar Ritchie
Pegg, Austin J., Ossian, Iowa 1872	Ritchie
Perks W (1) Chicago, Ill 1867	*Robert
Permants W. C., Woodstock, O. 1881	Roberts
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Fatton, Edward K., Pegg, Austin J., Pegg, Charles H., Perks, W. C., Perraut, Victor, Perrier, John, Perrigo, James, M. A.,  1867 Ossian, Iowa 1872 Chicago, Ill 1867 Woodstock, O 1881 St. Eustache, Q 1852 Cleveland, Ohio 1868 Montreal 1876	Roberts
Montreal 1876	Roberts

*Picault, Chas., Pickup, John W., Brockville, O 1	87 86 87 85 86 88 85
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Phelan, James B., *Phelan, Joseph P., Philip, David L., Phippen, S. S. C., *Picault, Chas Pickup, John W., Pinsonneault, B., Chicago, III i Brockville, 0 i Brockville, 0 i Pickup, John W., Pinsonneault, B., Chicago, III i Brockville, 0 i Brockville, 0 i Pinsonneault, B., Chicago, III i Brockville, 0 i Brockville, 0 i Brockville, 0 i Pinsonneault, B., Chicago, III i Brockville, 0 i Brockville,	88 85
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Philip, David L., Phippen, S. S. C., Picault, Chas., Pickup, John W., Pinsonneault, B., Pinsonneault, B.,	88 85
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Robertson, David,
Robertson, David,
Robertson, Patrick,
Robertson, F. D., B.A., Lennoxville, Q.
Robeillard, Adolphe,
Robinson, Stephen J.,
Robitaille, Louis,
Robitaille, L. Unis,
Roddick, Thomas G.,
Rodger, Thomas A.,
Rogers, E. J. A.,
Rogers, Amos,
Rooney, R. F., Auburn,
Ross, George, M. A.,
Ross, J. D.,
Ross, L. D.,
Ross, W. K.,
Ross, Thomas,
Ross, Henry,
Ross, William G.,
Ross, William G.,
Ross, J. W.
Lennoxville, Q.
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Lennoxville, Q.
Markham, O.
Merchalle, L. T.,
Ross, J. W.
Merchalle, L. M.
Milton, O. I.
Lennoxville, Q.
Markham, O.
Markham, O.
Merchalle, L. T.,
Ross, J. W.
Ashburt, New Z.
Ross, W. K.,
Ross, W. M.,
Ross, J. W.
R Sihler, G. A.,

\*Simard, Amable,

\*Simpson, Thomas,

Sinclair, Coll,

Small, H. B.,

\*Smallwood, John R,

Smellie, T. S. J., M.A.,

Landing, O Simcoe, 0 1883 Milton, O 1864 1857 1867 Montreal 1854 Aylmer, 0 1874 1886 Ottawa 1880 1860 Markham, O 1867 Markham, O 1877 New Cartisle, Q 1866 Quebec 1858 Landing, 0 1877 Smiley, J. S., Portsmount, 1868
\*Smith, Daniel D., Walkertown, 0 1878.
Smith, E. H., 2700 Wentworth Ave., Chicago 1885.
Fullarton, Neb 1881. Montreal 1869 Denver, Col 1881 Ottawa, O 1874 Smith, E. H

\*Smith, Edward W.
Smith, John, Portland, Oregon 1879
Smith, Norman A., Frelighsburg, R 1870
Smith, William, Lachute, Q 1876
Smith, Edward W., A.B., West Merriden, Conn 1882
Smith, W. A. de W. Montreal, Q 1884
Smith, H. E., Marlboro', Mass 1885
Smythe, T. W., Colonel 190th Regt,
Dover, Eng 1845 1866 Dundas, O 1881 Montreal 1880 Detroit. Mich 1884 Weston, O 1883 Woodland, Cal 1863 Ashburt, New Z 1871 1875 Ross, William G., \*Ross, Wm. D., Ross, J. W., 1871
Ross, J. W., Cohoes, N. Y. 1881
Ross, L. F., B. A., Winthrop, 0. 1886
Ross, D. L., Granby, Q. 1886
Rowell, G. B., Montreal, Q. 1844
Rugg, Henry C., \*Rumsey, William, Ratherford, Clarendon, M. A., Chicago 1882
Rutledge, And. J., Ruttan, Allen, Ruttan, Allen, Ruttan, A. M., Montreal 1884
Ruttan, R. F., New York 1880
Montreal 1884 Dover, Eng 1848 Teeterville, O 1876 Snider, Frederick S., Sparham, Terence, Sparham, E. R., Brockville, 0 1841 Spearnam, E. K.,
Spear, Andrew M.,
Spencer, R.,
\*Squire, William Wood, M.A.,
Stafford, Fred. J.,
Little Bay, Nfd 1878
Stanton, George,
Stark, George A.,
\*Stanton, Andrew
Wilwaukee, Wis 1872 Stark, George A., Milwaukee, Wis 1816 \*Stark, George A., 1846 \*Staunton. Andrew. Stephen, William, Rosario, Argentine Republic 1887 Stephen, G. C.,
Stevenson, Alex. D.,
Stevenson, Hans,
Stevenson, John L.,
\*Stevenson, John L.,
\*Stevenson, John L.,
\*Stevenson, John L.,
\*Stevenson, John A.,
Stevenson, John A.,
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Stevenson, John A.,
Stewart, Andrew.
\*Stewart, John Alexander,
Stewart, James,
Stewart, John Alexander,
Stewart, John Alexa \*Sabourin, Moïse, 1849
Sampson, James (Hon.), 1847
Sanderson, George W., Toronto, O 1850
Savage, Thos Y., Thistletown, O 1854
\*Savage, Alex C., 1866
\*Sawyer, James H., 1863
\*Schimdt, Samuel B., Schimdt, A. F., Montreal, Q 1886
\*Schindt, A. F., Fairbault, Man 1886
\*Schofield, David T., Scott, John, G., Hazeldean, Co. Carlt, O 1879
Scott, Stephen A., \*Scott, William E., 1844
Scott, W. M.E., Scott, W. M.E., Scott, J. M., Philadelphia, Penn 1887
\*Scott, J. M., Philadelphia, Penn 1887
\*Scriven, George Augustus, 1844 Scott, J. M.

\*Scriven, George Augustus,

\*Scriven, George Augustus,

Scully, D. J.,

Seager, Francis R.,

Secord, Levi,

Seery, F. J.,

Setree, Edward W.,

Seguin, André,

Senkler, A. E.,

Serviss, T. W.,

Seymour, M. M.,

Selector, J. M.,

Bright, 0 1870

Bright, 0 1870

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Rigaud, Q 1848

St. Paul, Minn 1863

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18 Seguin, André,
Senkler, A. E.,
Serviss, T. W.,
Serviss, T. W.,
Seymour. M. M.,
\*Sewell, Colin (ad eun),
Shanks. J. C.,
Sharp, J. C.,
Sharp, Wm.,
Shaw, Alexander,
Shaw, W. F.,
Shaver, Peter Rolph,
Shaver, R. N.,
Shibley, J. L., B.A.
Shepherd, Francis J.,
Sherk, George,

St. Paul, Minn 1863
Ovoville. Cal 1881
Winnipeg, Man 1879
Quebec 1869
Howick, Q 1818
Marysville, N. B 1885
South Toledo, Ohio 1872
Stratford, O 1854
Wales, O 1854
Yuma, Ariz 1858
Montreal 1873
Cheapside, O 1863 Sutherland, William Dunbar, Montreal 1879 Switzer, Egerton R., Salina, Ks 1865 Tabb. Silas E., M.A., Sherbrooke, Q [888]

Taylor, Wm. H.,
Taylor, Sullivan A., Gilmonton, N.H IS70
Tew. H. S.,
Temple, James A.,
Thayer, Linus O.,
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Thomas, W. R.,
Rompson, James,
Thompson, Robert,
Thompson, W. A., New Richmond, Q 1882 Shepherd, Francis J., Montreal 1873 Sherk, George, Cheapside, O 1865 Shoebottom, Henry, Port Huron, Mich 1871 Shufelt, W. A., 250 W 11th St. N York 1851

Thornton, Hastwell W., B.A., New	Wh
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Tracey, A. W., West Meriden, Conn 1873 Trappell, H. E., Harbor Grace, Nfld 1887	*W
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Walker, Felix D., Launching, P.E.I 1884	Woo
Wallace, Isaac U., Milton, Q 1874	Woo
Walsh, Edmond C. Madrid, N.Y 1866	Woo
Walton, George O., Barbadoes, W.I 1873	Woo
Wanless, John R., Dunedin, New Z 1867	Woo
Ward, William T., Morristown, Minn 1873	Woo
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William Marshall B., 1868
Wilkins, George (ad eun), Montreal 1886
Wilkins, H. P. Toronto, O 1887
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Williams, E. P., Ottawa, O 1887
Willson, J. A. K., C.P.R 1885
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Wilson, Samuel F., Millstream, Kings
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*Wilson, C. W., Buckingham, Q 1886
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Woolverton, A., M.A., Hamilton, O 1868
Woods, David, Staff Surgeon Army 1860
Wood, Edwin Geo., Mitchell, O 1885
Wood, George C., Wood, George, Faribault, Minn 1863 Wood, Ed. S., St. Paul's, Minn 1883 Wood, Hannibal W., Knowlton, Q 1885 Woods, Jno. J. E., Aylmer, Q 1875 Woodral Sam. Pratt., Surg. Mai. 1864 Woolway, C. J Copper Falls, Mich 1875
Wood, George, Faribault, Minn 1863
Wood, Ed. S., St. Paul's, Minn 1883
Wood, Hannibal W., Knowlton, Q 1865
Woods, Jno. J. E., Aylmer, Q 1875
Woodful Sam. Pratt., Surg. Maj. 1864
Woolway, C. J. Copper Falls, Mich 1875
Workman, Benjamin, 1853
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Wright, John W., B.A., Picton, O 1878
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Wright, Stephen, Ottawa, O 1859
Wright, William, Montreal 1848
Wye, John H., 26 Farrington Sq.,
London 1868
Young, Philip R., Clarenceville, O 1876
Young, Robert C., Ridgetown, O 1873
Young, A. A., Rarton Wt 1997
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\* Deceased.

† Medallist.

# EXAMINATION PAPERS-SESSION 1886-87.

# MATRICULATION EXAMINATIONS.

#### LATIN.

Examiner..... H. ASPINWALL HOWE, M.D., LL.D.

1. Translate, without unnecessary change of construction:

His rebus pace confirmata, post diem quartem, quam est in Britanniam ventum, naves octodecim, de quibus suprà demonstratum est, quæ equites sustulerant, ex superiore portu leni vento solverunt. Quæ quum appropinquarent Britanniæ, et ex castris viderentur, tanta tempestas subito coorta est, ut nulla carum cursum tenere posset, sed aliæ eodem, unde erant profectæ, referrentur; aliæ ad inferiorem partem insulæ, quæ est propius solis occasum, magno sui cum periculo dejicerentur: quæ tamen ancoris jactis, quum fluctibus complerentur, necessario adversa nocte in altum provectæ, continentem petierunt.

Equites hostium essedariique acriter prœlio cum equitatu nostro in itinere conflixerunt, tamen ut nostri omnibus partibus superiores fuerint, atque eos in silvas collesque compulerint: sed, compluribus interfectis, cupidiùs insequuti nonnullos ex suis amiserunt. At illi, intermisso spatio, imprudentibus nostris atque occupatis in munitione castrorum, subito se ex silvis ejecerunt, impetuque in eos facto, qui erant in statione pro castris collocati, acriter pugnaverunt: duabusque submissis cohortibus a Cæsare, atque his primis legionum duarum, quum hæ, perexiguo intermisso loci spatio inter se, constitissent, novo genere pugnæ perterritis nostris, per medios audacissimè perruperunt, seque inde incolumes receperunt.

- 2. Parse fully each word of the sentence, "tanta tempestas subito coorta est, ut nulla earum cursum tenere posset?"
- 3. Decline lenis, ventus, fluctus and iter. Write in full the tenses complgrentur and compulerint.
- 4. Give the principal parts of the verbs sustulerant, dejicerentur, conflixerunt, compulerint, amiserunt, ejecerunt, constitissent, perruperunt, marking the quantity of the penultimate syllable of each word.
- 5. Write, with English meaning, the 1st Pers. Sing. of all the tenses, naming them, of the Indic. and Subj. Stive Voice, of the verb compello. Give also the parts of the Infinitive Mood.

- 6. What is the Rule for forming the Comparative and Superlative of Adjectives? Give an example in an adjective of the 3rd declension, and add some examples of irregular comparison.
- 7. Give the derivation, with meaning of each component part, of the words, subito, occasus, fluetus, proveetus, iter, imprudens, impetus, perexiguus.
  - 8. Explain :-

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- (a) post diem quartum. Is post here an adverb or a preposition? Give reason for your answer.
  - (b) ut nulla earum....Give the rule for this construction.
  - (c) erope solis occasum. Account for this accusative.
  - (d) adversa nocte in altum provectæ. Why is the ablative used?

#### LATIN.

Examiner ..... H. ASPINWALL HOWE, M.A., LL.D.

Note.—Candidates may choose, in this Paper, between Cioero and Virgil.

- 1. Translate, without unnecessary change of construction:
- (a) Etenim quid est, Catilina, quod jam, amplius exspectes, si neque nox tenebris obscurare cœtus nefarios, nec privata domus parietibus continere vocem conjurationis tuæ potest? si illustrantur, si erumpunt omnia? Muta jam istam mentem: mihi crede, obliviscere cædis atque incendiorum. Teneris undique: luce sunt clariora nobis tua consilia omnia, quæ etiam mecum licet recognoscas. Meministine, me ante diem xii. Kalendas Novembr. dicere in senatu, certo die fore in armis, qui dies futurus esset ante diem vi. Kal. Kovembris, C. Manlium, audaciæ satellitem atque administrum tuæ? Num me fefellit, Catilina, non modo res tanta, tam atrox, tam incredibilis, verum, id quod multo magis est admirandum, dies? Dixi ego idem in senatu, cædem te optimatium contulisse in ante diem v. Kalendas Novembris, tum quum multi principes civitatis Roma non tam sui conservandi, quam tuorum consiliorum reprimendorum caussa profugerunt.
- (b) O conditionem miseram non modo administrandæ verum etiam conservandæ reipublicæ! Nunc, si L. Catilina consiliis laboribus periculis meis circumclusus ac debilitatus subito pertimuerit, sententiam mutaverit, deseruerit suos, consilium belli faciundi abjecerit, ex hoc cursu sceleris et belli iter ad fugam atque in exsilium converterit, non ille a me spoliatus armis audaciæ, non obstupefactus ac perterritus mea diligentia, non de spe conatuque depulsus, sed indemnatus, innocens in exsilium ejectus a consule vi et minis esse dicetur, et erunt, qui illum, si hoc fecerit, non improbum, sed miserum, me non diligentissimum consulem, sed crudelissimum tyrannnum existimari velint! Est mihi tanti, Quirites, hujus invidiæ falsæ atque iniquæ tempestatum subire, dummodo a vobis hujus horribilis belli ac nefarii periculum depellature.

- 2. Parse fully all the words of the sentence "Muta jam istam mentem: mihi crede, obliviscere cœdis atque incendiorum."
- 3. Decline istam, mentem, scelus and iter. Write out the tenses dicetur and fecevit.
- 4. Give the principal parts, marking the quantity of the penultimate syllable of each part of the verbs erumpunt, obliviscere, fefellit, contulisse, deserverit, desinam, abjecerit, depellatur.
- 5. Write, with English meaning attached, the first person singular of all the tenses, naming them, of the Indicative and Subjunctive Moods, Active Voice, of the verb *erumpo*, stating how each is found. Also the Infinitive Mood.
- 6. What is the Rule for forming the Comparative and Superlative of Adjectives. Give an example in an Adjective of the 3rd doclension, and add some examples of irregular comparison.
- 7. What is the derivation of catus, incendium, recognosco, audacia, incredibilis, principes, obstupefactus? Give the meaning of each component part
  - 8. Explain:
- (a) Obliviscere cedis atque incendiorum. What is the Rule for these genitives?
  - (b) Non tam sui conservandi. What construction is this? Parse sui.
- (c) Me tyrannum existimari velint. Distinguish between the two accusatives me and tyrannum.
- (d) Est mihi tanti. Give in full the Rule for case of the word signifying price or value. Give an example of the Rule and of the exception.

#### VIRGIL.

- 1. Translate, without unnecessary change of construction:
  - Teucrorum ex oculis; ponto nox incubat atra.
    Intonuere poli, et cerebris micat ignibus æther;
    Præsentemque viris intentant omnia mortem.
    Extemplo Æneæ solvuntur frigore membra;
    Ingemit, et duplices tendens ad sidera palmas,
    Talia voce refert: "O terque quaterque beati,
    Queis ante ora patrum Trojæ sub mænibus altis
    Contigit oppetere! o Danaum fortissime gentis
    Tydide, mene Iliacis occumbere campis
    Non potuisse, tuaque animam hanc effundere dextra!
    Sævus ubi Æacidæ telo jacet Hector, ubi ingens
    Sarpedon; ubi tot Simois correpta sub undis
    Scuta virum galeasque et fortia corpora volvit."

- (b) "Quisquis es, haud, credo, invisus cœlestibus auras Vitales carpis, Tyriam qui adveneris urbem.

  Perge modo, atque hinc te reginæ ad limina perfer.

  Namque tibi teduces socios classemque relatam

  Nuncio, et in tutum versis Aquilonibus actam,

  Ni frustra augurium vani docuere parentes.

  Aspice bis senos lætantes agmine cyenos,

  Ætheria quos lapsa plaga Jovis ales aperto

  Turbabat cœlo; nunc terras ordine longo

  Aut capere, aut captas jam despectare videntur:

  Ut reduces illi ludunt stridentibus alis,

  Et cœtu cinxere polum, cantusque dedere,

  Haud aliter puppesque tuæ pubesque tuorum

  Aut portum tenet, aut pleno subit ostia velo.

  Perge modo, et, qua te ducit via, dirige gressum."
- 2. Parse fully each word of the sentence, "Perge modo, et, qua te ducit via, dirige gressum."
- 3. Decline nox atra, nubes and portus, and write out the tenses solvuntur, adveneris.
- 4. Give the principal parts of the verbs eripiunt, solvuntur, effundere, perge, perfer, aspice, cinxere, dirige. Mark the quantity of the penultimate syllable of the Perfects, Infinitives Present, and Supines.
- 5. Write with English meaning the 1st Pers. Sing. of all the Tenses, naming them, of the Indic. and Subj., Active Voice, of the verb effundo, stating how each is formed. Also the Infinitive Mood.
- 6. What is the Rule for forming the Comparative and Superlative of Adjectives? Give an example in an adjective of the 3rd declension, and add some examples of irregular comparison.
- 7. What is the derivation of subito, duplices, manibus, augurium, agmen, reduces, catus, and ostium? Give the meaning of each component part.
  - 8. Explain:
- (a) mene lliacis occumbere campis, Non potuisse. Why is me accusative?
- (b) Tyriam qui adveneris urbem. In what tense and mood is the verb and why?
- (c) Aspice bis senos..... Numerals are classified under four or five heads. Name these and give all the forms for senos, with the particular meaning of each form.
- (d) Ni frustra augurium docuere. What is the complete construction of doceo and similar verbs?

#### ENGLISH.

1. Analyse the following passage:-

This night wherein the cub-drawn bear would couch,
The lion and the belly-pinched wolf
Keep their fur dry, unbonneted he runs,
And bids what will take all.

- 2. Parse the words italicized in the above, noting peculiarities or irregularities of grammar.
- 3. Explain the terms:—(a) Objective case. (b) Apposition. (c) Abstract Noun. (d) Auxiliary Verb. (e) Intransitive Verb. (f) Distributive Pronoun. Illustrate your explanations by examples.
- 4. Write the Present Participle of the verbs:—Differ, defer, sob, daub, read, rid, ride, lie, lay, die, dye, sing, singe. Also the Past Tense and Past Participle of the verbs:—Dive, strive, weed, speed, lead, read, beat, seat, sit, flee, fly, dye.
  - 5. Give (1) Adjectives formed from courage, red, day, vice-roy, antithesis, joke, presume.
    - (2) Nouns from broad, weal, neighbour, brittle, register, prelate, apostate.
    - (3) Verbs from bright, ample, vigour, dew, balm, base, grand.
    - (4) Diminutives of isle, swan, goose, animal, lamb, poet.
- 6. Distinguish between contemptible and contemptuous; verbal and verbose; feminine and effeminate; prebend and prebendary; aught and ought. Which of the three following words is inadmissible: sanitary, sanitory and sanatory? Explain the difference in meaning of the other two, and give the etymological reason, if you can.
  - 7. Correct errors in the following, and give reasons for doing so:-
    - (a) Not one in a thousand could have done it as well as him.
    - (b) He was more active than any other of his companions.
    - (c) The water I drunk there was better than any I had drank before.
    - (d) We should be obliged if you will favor us with a song.(e) Neither the servants nor their master are to blame.
  - 8. Write legibly and punctuate properly the passage for Dictation which will be read to you.
  - 9. Subject for composition:—" Do unto others as you would they should do unto you."

#### GEOMETRY.

1. If from the ends of a base of a triangle two straight lines be drawn to a point within the triangle, these shall together be less than the sides of the triangle, but shall contain a greater angle.

(a) The perimeter of a quadrilateral described on the base of a triangle, and wholly within the triangle, is greater than the sum of the sides

of a triangle.

- 2. If two triangles have two sides of the one equal to two sides of the other each to each, but the base of the one greater than the base of the other, the angle contained by the sides of that which has the greater base, shall be greater than the angle contained by the sides of the other.
  - 3. Describe a rectangle equal to a given triangle.
- 4. If a straight line be bisected and produced to any point, the rectangle contained by the whole line thus produced, and the part produced, together with the square on half the line bisected, is equal to the square on the line made up of the half and the part produced.
- 5. In obtuse-angled triangles, if a perpendicular be drawn from either of the acute angles to the opposite side produced, the square on the side subtending the obtuse angle is greater than the squares on the sides containing the obtuse angle, by twice the rectangle contained by the side on which, when produced, the perpendicular falls, and the straight line intercepted without the triangle, between the perpendicular and the obtuse angle.

#### NATURAL PHILOSOPHY.

Examiner..... H. ASPINWALL HOWE, M.A., LL.D.

- 1. Show by a geometrical construction that two forces acting at a point having only one resultant, but that a single force acting at a point may be resolved into any number of components.
- 2. Distinguish between the mass and weight of a body, and define volume. How might the weight be affected without a change of the mass? How also the volume?
- 3. What are the three laws respecting the action of the pendulum? Of what use is the pendulum in a clock?
- 4. The specific gravity of a fluid is 1.56, and the pressure at a point within the fluid is 12090 oz. Find the depth of the point below the surface, it being given that a cubic foot of water weighs 1000 oz.

5. What is meant by evaporation of liquids? What conditions are necessary for complete and for rapid evaporation?

What solids evaporate without passing through the liquid state?

#### BRITISH HISTORY.

- 1. When, between whom, and with what results, were fought the battles of Tewksbury, Flodden, Naseby, Blenheim, Culloden, Assaye?
- 2. What were the Peace of Bretigny, the Treaty of Troyes, the Peace of Ryswick, the Congress of Vienna?
- 3. Give a brief account of the contest between the Civil and Ecclesiastical Power in the reign of Henry II.
- 4. Explain briefly what were "Danegelt," "Ship-money," "The Restoration," "The Act of Settlement," "Catholic Emancipation."
- 5. To whose reigns belong the Conquest of Ireland, the Conquest of Wales, the Rise of Popular Government, the Union of England and Scotland under one Parliament, the Beginning of the National Debt, the American War of Independence, the Conquest of Canada?
- 6. Who were Simon Montfort, John Baliol, Wycliffe, Wat Tyler, Prince Rupert, John Knox, Clive?

#### GEOGRAPHY.

Examiner ..... H. ASPINWALL HOWE, M.A., LL.D.

- 1. Define Zone, Tropic, Lagoon, Gulf Stream, Plateau, Watershed.
- 2. What are the Watersheds of North America, and how do they affect the course of the rivers? Name the principal rivers.
- 3. Draw a Map of Hindostan, locating the rivers Indus, Ganges and Brahmapootra; the cities Calcutta, Madras and Bombay; the mountains called Eastern and Western Ghauts, the Andaman Islands, and the Island of Ceylon.
- 4. Name the countries on the Mediterranean in order along the north from the Strait of Gibraltar, and back to the same point along the south shore.
- 5. What and where are Bulgaria, Balkan, Madagascar, Herat, Roumelia, Comorin, Montana, Colorado, Quito and Vinho?

### OPTIONAL SUBJECTS.

#### CHEMISTRY.

...... H. ASPINWALL HOWE, M.A., LL.D.

- 1. Name the constituents of the atmosphere, explaining the uses of each.
- 2. Define three of the following terms: -molecule, anhydride, oxide, kilogram, efflorescent salt.
- 3. Name the Alkali metals, and state what you know concerning the uses of any one compound of one of them.
- 4. Give tests for three of the following metals in solution: -copper, lead, calcium, zinc, aluminium.
- 5. Give names and formulæ for the oxides of nitrogen, stating modes of preparation and properties of one of them.

#### BOTANY.

Examiner ..... H. Aspinwall Howe, M.A., LL.D.

- 1. Name and describe the parts of the embryo of a dicotyled mous plant.
- 2. Name the parts of a complete flower, and describe one of them in detail.
- 3. Describe any three of the following:-raceme, rootstock, parasite, legume, spadix.
- 4. Distinguish between phenogams and cryptogams, and state on what grounds the former group is subdivided into exogens and endogens.
- 5. Draw diagrams representing:—(a) a cordate leaf, palmately veined; (b) a parallel veined lanceolate leaf.

#### ARITHMETIC.

Note.—The full working of each question must be given.

- 1. Multiply  $\frac{13}{20}$  of  $\frac{2\frac{1}{2}}{3\frac{1}{4}}$  by  $(4\frac{1}{5}-1\frac{5}{8})$ ; convert the result into a decimal fraction, and divide this by .024.
- 2. Find the cost of 60 cwt. 3 qrs. 5 lbs. of sugar at \$8.52 per cwt (100 lbs).

3. A bankrupt owes three creditors, A, B and C, £175, £210 and £265 respectively; his estate is worth £422 10s. What ought each creditor to receive?

4. If one steamer sails 3,000 miles in 11 days, how far will another sail in 5 days, if she sails 8 miles to the other's 7?

5. Bought apples at the rate of 36 for 35 cents. How many shall I sell for 21 cents so as to gain 20 per cent. on the cost?

#### ALGEBRA.

- 1. Find the value of  $4-\sqrt{x+2+\frac{x^2-x^2}{8}}$  when x=7 and also when x=-2.
  - 2. Divide  $1 5x^4 + 4x^5$  by  $(1 x)^2$ .
  - 3. Simplify the following expressions:-

(I.) 
$$b-2[b-3{a-4(a-b)}]$$
.

(II.) 
$$x - \frac{x^2}{x+1} + \frac{x}{x+1}$$

(III.) 
$$\frac{a+b^2}{b-b} \div \frac{ab+b^2}{a^2-ab}$$
.

4. Solve the equations:—

(I.) 
$$a\left(\frac{x}{2}-1\right) + x = 3 + \frac{a}{2}$$

(II.) 
$$\left\{ \frac{x}{3} + 3y = 7 \\ \frac{4x - 2}{5} = 3y - 4. \right\}$$

5. The price of two turkeys and nine fowls is £1 12s., and the price of five turkeys and two fowls is £1 12s. 2d. Find the price of a turkey and of a fowl.

## PROFESSIONAL EXAMINATIONS.

#### FIRST YEAR.

#### BOTANY.

Examiner	••••		D.	P. Penhallow, B. Sc.
1. Explain	the principles	upon which t	he Natural	System of Classifica-

- tion is based, and state the leading divisions of the vegetable kingdom.

  2. Explain the conditions essential to the movement of water, as in the
- so-called "bleeding" of plants.

  3. Explain the structure of the reproductive overse in Plants.
- 3. Explain the structure of the reproductive organs in Phenogams, and show their morphological relationships.
- 4. Explain the conditions essential to, and the changes that occur during the assimilation of C  $\rm O_2$ .
- 5. Explain the relation of the temperature of plants to internal and external conditions of growth.
- 6. Show in what respects gravitation may influence growth, and how its action may be suspended or replaced.

#### HISTOLOGY.

Examiner . . . . . . Prof. Geo. Wilkins, M.D., M.R.C.S., Eng.

- 1. Describe a transverse section of compact bone.
- 2. Describe a transverse section of a nerve-trunk, such as the sciatic.
- 3. Describe the structure of the kidney.
- 4. Describe a section of the ovary.

#### SECOND YEAR.

#### CHEMISTRY.

Examiner ...... Prof. G. P. GIRDWOOD.

- 1. Describe fully the metric system of weights and measures.
- 2. Describe the spectrum and show some of its principal applications.
- 3. Prove that N  $H_3$  is the formula for ammonia-
  - (b) What weight of ammonium chloride must be used to exactly fill

a jar containing 112 litres, with ammonia at normal temperature and pressure?

How much would escape from the jar at 25°C, and 720 millimetres

pressure?

4. Show by equations the action of Hydrochloric, Sulphuric and Phosphoric Acids severally upon Potassium Hydrate, Aluminium Hydrate, Calcium Carbonate, and Manganese Dioxide.

5. Describe the mode of preparation and properties of Hydrogen Sulphide and Hydrogen Phosphide.

6. What inorganic compounds are analogous to Alcohols, Ethers, Haloid Ethers, Mercaptans, and Compound Ethers?

#### PHYSIOLOGY.

.....T. Wesley Mills, M.A., M.D.

- 1. Give the briefest possible answers to the following: -State, (a) Chemical elements entering into the formation of protoplasm. (b) General composition of hæmoglobin. (c) Course of the circulation. (d) Structure of a capillary. (e) Structure of an arteriole. (f) Essential part of a nerve fibre. (g) Ratio of the pulse to the respiration. (h) With what valves the first sound of the heart is associated. (i) In what part of the circulatory system the blood pressure is lowest. (j) Where the blood current is slowest. (k) The purpose of respiration. (l) The chief structural constituent of the lungs. (m) The classes of vessels having valves. (n) What tidal air is. (o) Characteristics of peptone. (p) Structure of a villus. (q) Whence the pigments of the excretions are derived. (r) The principal gland of the body. (s) The nitrogenous constituents of urine. (t) the most important one of these. (u) Specific gravity of urine. (v) The normal temperature of the body. (w) The two principal parts of the eye. (x) Where sensory and motor impulses decussate, respectively, in the nervous centres. (y). Names of the centres in the medulla oblongata.
  - 2. In a young man of 20 years of age running a mile race the following events occur: After he has completed three-fourths of the distance (a) sweat breaks forth profusely. (b) He experiences marked sense of fatigue. (c) His pulse and respiration are much quickened. (d) Mouth open and nostrils widely distended. (e) Later there is some unsteadiness of gait. (f) Suddenly growing pale, he falls, and after lying for a few seconds is able to rise and walk (hemorrhage is excluded.) In the above case, explain clearly, but briefly: (1) The nature of the phenomena as physiclogical processes. (2) Their connections in this case, and the fundamental principles on which these rest (final causes).

(a) Relation to the chemical composition of the body, (b) Classifica-

tion. (c) Physiological basis of this classification. (d) What must be taken into account in prescribing a diet for any healthy individual, or in deciding on the nutritive value of a food-stuff? (e) The general relations of each class of food-stuffs to the metabolism of the body.

A healthy man makes a meal of potatoes, bread, beef-steak (fat and lean), with milk as drink and ripe pears as dessert. Follow this food from the time it is taken till it is digested and absorbed, indicating (a) what glands furnish the requisite secretions. (b) The essential constituents of the secretions. (c) The chemical reaction of each secretion. (d) How the food is brought into contact with the digestive fluids. (e) How each final digestive product is absorbed. (f) How the nervous system and vascular system are related to the whole process.

- 4. Suppose a specimen of urine to be presented to you, state the questions you would ask and the chemical and other examinations you would make, indicating the significance of each before deciding whether it was normal or abnormal.
- 6. An individual having partaken of salt fish for dinner experiences thirst, drinks water abundantly, and soon voids a large quantity of urine. Trace the connection of all of these events, placing the physiology on a basis of physics, chemistry and anatomy.
  - 7. Vaso-motor, Secretory, and Trophic Nerve Fibres.
- (a) Discuss the evidence for each. (b) Their origin, course, and distribution in selected cases. (c) Their relation to one another.
- 8. An individual in consequence of a considerable hæmorrhage on the cortex of his brain has paralysis of the left side of the body and face. Indicate (a) The site of the cortical lesion (paralysis began in the left arm). (b) The normal course of the efferent impulses to the arm (diagram). (c) Course of the afferent impulses from the hand. (d) General relations of afferent and efferent impulses in co-ordinated muscular acts. In the above case is a reflex movement of the leg possible? If it takes place, will it enter into consciousness? State the grounds of your opinions, throughout.
- 9. A man who is looking at a distant object prepares to examine one within a foot of him. State (a) The changes in the eyes to be witnessed by an observer. (b) The mechanism within the eye itself which effects the required changes (treat anatomically and physiologically). (c) Experimental evidence for your views. (d) The parts of the brain and the nerves concerned. (e) The necessity of such arrangements for clear vision. (f) How this may be shown experimentally.

#### 10. Animal Heat:-

(a) Its production. (b) Its regulation. (c) Differences between Poikilothermers (cold-blooded animals) and Homoiothermers.

- 11. (a) Compare the process of reproduction in mammals and in the lowlier forms of animal and plant life (diagrams). (b) Compare the highest plants with mammals in this respect. (c) Show that throughout the processes are fundamentally similar.
- 12. (a) Show by a diagram the course of the circulation in the human feetus. (b) Indicate how nutrition and respiration are carried on. (c) State the changes in the vascular system of the child after birth and the reasons for them.
  - 1. All candidates must answer question 1.
  - 2. One of the questions chosen must be either 7,8 or 9.
  - 3. Of questions 11 and 12, only one may be selected.
  - 4. Only six questions in all to be answered.

In estimating the value of the answers given, special importance will be attached to the judicious use of diagrams, references to experiments witnessed and manifested capacity to weigh evidence pro and con.

#### ANATOMY.

Examiners... Prof. Francis J. Shepherd, M.D. Prof. Rich. L. MacDonnell, B.A., M.D.

- 1. Describe the structures seen on opening the right ventricle of the heart.
  - 2. Give a short description of the tympanum, naming its boundaries.
    - 3. The dissection necessary to expose the internal Pterygoid muscles.
- 4. The external iliac artery. Its course, relations, distribution and anastomoses.
- 5. Describe the under surface of the liver, and name in order the structures in relation with it.
- 6. Describe the lower third of the humerus. Name the muscles attached and give their proper nerve supply.

### PRACTICAL ANATOMY.

THE DEMONSTRATOR'S PRIZE.

1. Give the dissection necessary to expose the whole length of the Vena Azygos Major.

- 2. Name in order the parts seen in a horizontal section of the trunk at the level of the third lumbar vertebræ.
- 3. Name the arteries which supply the brain, and give their exact distribution.

#### THIRD YEAR.

## MATERIA MEDICA AND THERAPEUTICS.

- 1. Describe fully on what scientific grounds do we rest our knowledge of the usefulness of:
  - a. Opium in Peritonitis.
  - b. Alcohol in Fever.
  - c. Strychnine in Sleeplessness.
  - d. Belladonna in Enuresis.
- 2. Contrast the actions of Morphine, Atropine, Pilocarpine and Physostigmine on the salivary glands and intestines.
- 3. How would you explain the fact that the application of either cold or heat is capable of relieving the pain of an acute inflammatory process?
- 4. Alcohol, Camphor, Aconite and Opium are frequently prescribed during the course of Pneumonia. Point out what particular stage or character of the disease, or condition of the patient would indicate the use of these agents respectively.

Explain fully their mode of action, and in what form and in what doses would you prescribe them in order to bring about the desired effect.

5. What influence has Mercury, Iodine, Arsenic and Alcohol on Metabolism?

Illustrate this by naming one or more morbid conditions where each of these agents is employed.

6. In what diseases of the circulation are Iodide of Potassium and Digitalis useful?

Explain how these agents act in the diseases you mention.

#### GENERAL PATHOLOGY.

Examiner..... W. G. Johnston, M.D.

- 1. Mention the tumors which consist of embryonic connective tissue?

  What points in their histological characters would influence your prognosis?
- 2. How is amyloid degeneration recognized? What parts are affected by it.

- 3. The vitality of a portion of tissue has been destroyed. In what manner will the circumstances under which this occurs affect the result? Give examples.
- 4. Mention the different kinds of cysts which occur in the body, stating in what the difference consists.
- 5. Mention a disease in which there is positive proof that it is caused by bacteria. Outline the nature of the proof.
- 6. Livers containing large ecchinococcus cysts are eaten (a) by a man (b) by a pig, (c) by a dog. State the result in each case.

## MEDICAL JURISPRUDENCE.

Examiner..... Prof. Geo. Wilkins, M.D., M.R.C.S., Eng.

- 1. Describe the principal points in the identification of the dead by means of the skeleton only.
  - 2. What are the signs of death by drowning?
- 3. What are the signs of recent delivery (within three or four days) in the living, and in the dead?
- 4. What are the symptoms and post-mortem appearances of poisoning by corrosive sublimate?
  - 5. Describe GENERAL PARESIS of the insane.

#### HYGIENE.\*

Examiner ..... Prof. R. L. MacDonnell, M.D.

- 1. Describe in detail the means to be adopted for counteracting contagion in a house where a case of diphtheria has occurred. (a) During the progress of the case. (b) During convalescence.
  - 2. Define and illustrate the following terms:-
    - (a) Death rate. (b) Illiteracy. (c) Movement of population.
    - (d) Census. (e) Registration. (f) Fecundity. (g) Birth rate.
- 3. Name the common adulterations of—(a) Wheaten Flour. (b) Bread-(c) Saccharine Foods. (d) Butter.
- 4. Point out the hygienic defects commonly met with in an ordinary terrace house in Montreal, and mention (briefly) the practical remedies you would suggest.

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<sup>\*</sup> Summer Examination.

## M.D., C.M. FINAL EXAMINATION.

## PRINCIPLES AND PRACTICE OF SURGERY.

- 1. Abscess, what is it? Mention the various kinds of pus, the causes of suppuration, and the diagnostic signs of its presence.
- 2. Where may blood be extravasated in injuries of the head? Mention the probable sources of the blood in different varieties, and the methods of treatment in each.
- 3. At what part of its course would you apply a ligature to the subclavian artery? Give in detail the steps of the operation.
- 4. Blood passed with urine. How would you determine its probable source and indication?
- 5. "Strangulated oblique Inguinal Hernia." What are the symptoms, appearances and methods of treatment for its relief; give the relation of the epigastric artery to the neck of the sac.
- 6. Necrosis as applied to bones. Describe the varieties, causes, pathological changes, class of patients, bones most liable to attack, prognosis and surgical treatment.
- 7. What do you understand by the terms Hydrocele, Spermatocele, Varicocele, and Hæmatocele? Describe the condition in each variety and the appropriate treatment.
- 8. What is Phimosis and Paraphimosis? Mention their causes, probable results and treatment.
- 9. Give the differential diagnosis between inflammatory affections of the cornea and iris.
- 10. The external auditory canal. Give a list of the morbid conditions found here, and the treatment suitable for each.

#### THEORY AND PRACTICE OF MEDICINE.

Examiner..... Prof. R. Palmer Howard, M.D., LL.D.

- 1. In what particulars do Relapsing and Intermittent Fever differ from each other?
- 2. What conditions favour the development and propagation of Diphtheria? To what class of diseases does it belong? Sketch its treatment.

1

- 3. Describe Hodgkin's disease, and state the diagnosis between it and scrofulous affection of the glands.
- 4. Compare the physical signs of pulmonary Emphysema with those of capillary Bronchitis.
- 5. Enumerate the complications of Typhoid Fever, and describe the treatment of two of the more important of them.
- 6. Explain the effects upon the heart and the circulation of the following diseases respectively: Cirrhotic Kidney, Chronic Pulmonary Emphysema, and Pernicious Anæmia.
- 7. Describe the "milder" and the "irregular" or "masked" forms of Epilepsy. What centric lesions, if any, produce idiopathic or symptomatic Epilepsy?
- 8. Sketch the symptoms of Multiple Peripheral Neuritis, and enumerate its causes.
- 9. Describe the treatment of acute Peritonitis and the various circumstances calling for operative interference in it.
- 10. State the prognosis and modes of death in the several forms of chronic valvular disease of the left heart.

#### OBSTETRICS.

Examiner..... Prof. Cameron, M.D.

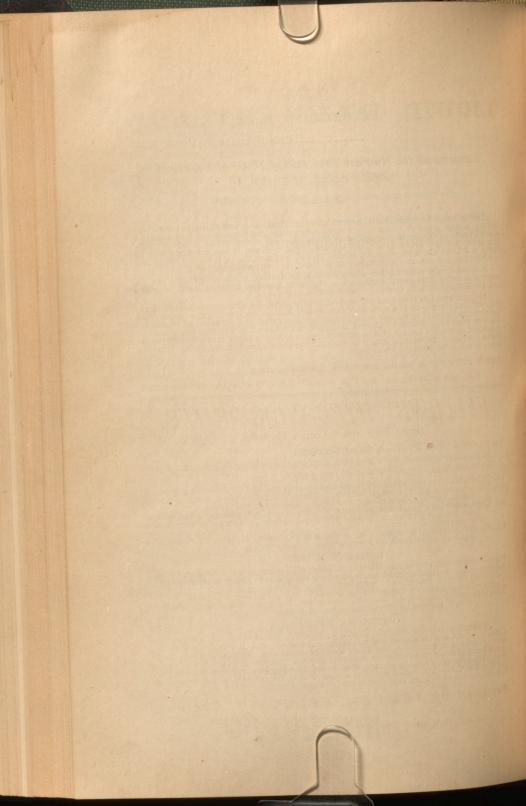
- 1. When is the induction of Premature Labor justifiable? How would you perform the operation?
- 2. A Placenta is retained in Utero, but is not morbidly adherent to the uterine wall; how would you manage the case?
  - 3. What are the causes of delay in the second stage of Labor? What would be your treatment?
- 4. You are called to a case of labor at full term; the os is fully dilated, the right shoulder is presenting, the head is in the left iliac fossa, the liquor amnii has just come away, and the pains are frequent but weak. What would you do?
  - 5. What are the alternatives to Craniotomy?

    Describe the modern Cæsarian section operation.

#### GYNÆCOLOGY.

Examiner ...... Prof. William Gardner, M.D.

- 1. Enumerate the constitutional and reflex symptoms and conditions often associated with or resulting from uterine and ovarian disease.
  - 2. Varieties, causes and symptoms of pelvic hæmatocele.
  - 3. Treatment of uterine myoma.
  - 4. Symptoms and diagnosis of uterine cancer.



# McGILL UNIVERSITY

ANNUAL CALENDAR.

# FACULTY OF MEDICINE.



56<sup>TH</sup> SESSION, 1888-89.

MONTREAL:
PRINTED FOR THE UNIVERSITY BY THE GAZETTE PRINTING CO.

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## CALENDAR, 1888-89.

#### JULY, 1888. SEPTEMBER, 1888 1 SUNDAY I Saturday 2 Monday 2 SUNDAY Tuesday Wednesday Monday Thursday Tuesday 5 Thurso 6 Friday Wednesday 5 Wednesd 6 Thursday Summer Session ends. 7 Saturday 8 SUNDAY Friday Galvani born, 1737. Candidates for matriculation of Provincial Medical Board 7 Friday 8 Saturday o Monday 9 SUNDAY Tuesday to send fee (\$10) to Dr. Belleau, Quebec. Candidates for their licence to send fee (\$20) and credentials. II Wednesday 10 Monday 12 Thursday Tuesday 13 Friday Wednesday 12 Saturday 13 Thursday 15 SUNDAY Friday Seventh Sunday after Trinity 15 Saturday 16 Monday 17 Tuesday 18 Wednesday Dr. N. Robertson died, 1884. 16 SUNDAY 10 Thursday Monday 20 Friday Tuesday 21 Saturday 22 SUNDAY Wednesday IO 20 Thursday 21 Friday Matriculation Exam. begins, Monday Malpighi died, 1694. 22 Saturday High Sc., Peel street. Tuesday Wednesday 23 SUNDAY Thursday Monday Register opens. 24 Friday 27 Friday 28 Saturday Tuesday Wednesday 29 SUNDAY Thursday 27 Thursd 28 Friday Matriculation examinations of C. P. & S. of Quebec (Provincial Board) at Quebec. 30 Monday 31 Tuesday 29 Saturday 30 SUNDAY AUGUST 1888 OCTOBER, 1888. Wednesday Monday Session opens. Thursday Duverney born, 1648. Tuesday 2 Friday Wednesday 4 Saturday Thursday Jas. McGill born, 1744. Foun-der's day. McGill Medical Society semi-annual meet-Friday 5 SUNDAY 5 Friday 6 Saturday 6 Monday Tuesday SUNDAY ing Wednesday 8 Monday Fallopius died, 1562 Thursday 0 Tuesday 10 Friday 10 Wednesday 11 Saturday Thursday 12 Friday 12 SUNDAY Eleventh Sunday after Trinity 13 Saturday Vesalius died, 1564. 13 Monday 14 SUNDAY Tuesday Lavoisier born, 1743. Wednesday 15 Monday Reamur died, 1757. Thursday Tuesday Friday 17 Friday 18 Saturday 17 Wednesd 18 Thursday Wednesday 19 SUNDAY 19 Friday Sir A. Cooper born, 1768 20 Saturday 20 Monday Hey born, 1736. 21 SUNDAY 21 Tuesday Wednesday 22 22 Monday Baillie born, 1761 23 Thursday Tuesday 24 Friday Wednesday 24 25 Saturday Thursday 26 SUNDAY 26 Friday Goethe born, 1749. 27 Saturday Monday 28 SUNDAY 29 Wednesday 30 Thursday 29 Monday Lectures began in Montreal Medical Institution in 1824. 30 Tuesday 31 Friday Wednesday All Hallows Eve.

NOVEMBER 1888 JANUARY, 1889.	
NOVEMBER, 1888.	
1 Thursday 2 Friday 3 Saturday  4 SUNDAY 5 Monday 6 Tuesday 7 Wednesday 8 Thursday 9 Friday 10 Saturday  1 Tuesday 2 Wednesday 5 Saturday 6 Sunday 6 Wednesday 7 Monday 8 Tuesday 9 Wednesday 10 Tuesday 11 Friday 12 Saturday 12 Saturday 13 SUNDAY	
12 Monday 18 Tuesday 14 Wednesday 15 Thursday 16 Friday 17 Saturday 18 SUNDAY 19 Monday 20 Tuesday 21 Thursday 22 Thursday 22 Thursday 23 Friday 24 Friday 25 Friday 26 Friday 27 Friday 28 Friday 29 Friday 20 Friday 20 Friday 20 Friday 21 Friday 22 Thursday 23 Friday 24 Friday 25 Friday 26 Friday 27 Friday 28 Friday 29 Friday 20 Friday 20 Friday 20 Friday 21 Friday 22 Friday	
26 Saturday 26 Sunday 26 Monday 27 Tuesday 28 Wednesday 29 Thursday 30 Friday 28 Friday 29 Thursday 30 Friday	ed to Montrea spital, 1823.
DECEMBER, 1888. FEBRUARY 188	89.
1 Saturday 2 SUNDAY 3 Monday 4 Tuesday 5 Wednesday 6 Thursday 7 Friday 8 Saturday  Ohristmas Exam. in Botany.  Christmas Exam. in Botany.  Sunday 10 Monday 11 Tuesday 12 Wednesday 13 Thursday 14 Friday 15 Saturday  Class Examinations. 15 Saturday  Lames McGill died, 1813.	born, 1728.  n, 1781. f.C.P. & S. of the to be notified ones.

	MARCH, 1889.		MAY, 1889.		
1 Friday 2 Saturday 3 SUNDAY 4 Monday 5 Tuesday 6 Wednesday		1 Wednesday 2 Thursday 3 Friday 4 Saturday 5 SUNDAY	Matriculation Examination of Quebec Medical Board at Montreal.		
7 Thursday 8 Friday 9 Saturday 10 SUNDAY 11 Monday	Clinical Province	6 Monday 7 Tuesday 8 Wednesday 9 Thursday 10 Friday 11 Saturday	Semi-annual Meeting of Que- bec Med Board at Montreal.		
12 Tuesday 13 Wednesday 14 Thursday 15 Friday 16 Saturday 17 SUNDAY 18 Monday	Clinical Examinations.  Lectures close.	12 SUNDAY  13 Monday 14 Tuesday 15 Wednesday 16 Thursday 17 Friday 18 Saturday	Ed. Jenner born, 1749. Heberden born, 1710.		
19 Tuesday 20 Wednesday 21 Thursday 22 Friday 23 Saturday 24 SUNDAY 25 Monday	Primary and Final Written Examinations.	20 Monday 21 Tuesday 22 Wednesday 23 Thursday 24 Friday 25 Saturday	Professor Scott died, 1883.		
26 Tuesday 27 Wednesday 28 Thursday 29 Friday 30 Saturday 31 SUNDAY	Primary and Final Oral Examinations.  Convocation for Medical Degrees.	26 SUNDAY 27 Monday 28 Tuesday 29 Wednesday 30 Thursday 31 Friday	Prof. G. W. Campbell died 1882.		
API	RIL, 1889.	JUNE, 1889.			
1 Monday 2 Tuesday 3 Wednesday 4 Thursday 5 Friday 6 Saturday 7 SUNDAY 8 Monday		1 Saturday 2 SUNDAY 3 Monday 4 Tuesday 5 Wednesday 6 Thursday 7 Friday 8 Saturday	Corner-stone of Montreal General Hospital laid, 1821.  Eustachius died, 1574.		
9 Tuesday 10 Wednesday 11 Thursday 12 Friday 13 Saturday 14 SUNDAY 15 Monday 16 Tuesday 17 Wednesday 18 Thursday 19 Friday	Summer Session begins.  Sydenham born, 1624.  Annual Meet'g McGill Medical Society.  Petit born, 1760.	9 SUNDAY 10 Monday 11 Tuesday	Rolando born, 1773.		
20 Saturday	Orfila born, 1787.	19 Wednesday 20 Thursday 21 Friday 22 Saturday 23 SUNDAY 24 Monday 25 Tuesday 26 Wednesday 27 Thursday 28 Friday	Montreal Medical Institution became Med. Faculty, 1829,		
30 Tuesday	Candidates for Matriculation of Provincial Board to send fee, \$10, to Dr. F.W. Campbell, Montreal. Candidates for License to send fee, \$20, and credentials.	30 SUNDAY	Summer Session closes.		

## Library.

The Librarian of the Faculty of Medicine has pleasure in acknowledging the following donations to the Library during the year ending 30th April, 1888:—

From Dr. J. C. Cameron:—
Cthe Clain
Hebra—Diseases of the Skin
Billroth—Surgery
Do —Clinical Surgery. 5 P'rts Sydenham Pathological Atlas 5 P'rts
Sydenham Pathological Abdasserver 17 P'tes Colored Plates Skin Disease 1 Vols
Colored Plates Skin Disease
Colored Plates Skill Disease 1 Vols. Satterthwaite—Histology 1 "
Satterthwaite—Histology 1 " Stricker—Histology 1 "
Stricker—Histology 1 " Wagner—General Pathology 1 "
From Dr. Geo. Wilkins.—Hustrations of Captal 1 Prts Surgery by Chas. Bell. 1 Vols. 1 Vols.
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## Governing Body of the University.

#### VISITOR:

HIS EXCELLENCY THE RIGHT HON. THE MARQUIS OF LANSDOWNE, G.C.M.G.

GOVERNOR GENERAL OF CANADA, &C.

#### GOVERNORS:

[Being the Members of the Royal Institution for the Advancement of Learning]

THE HON. JAMES FERRIER, SENATOR, M.L.C., President and Chancellor of the University.

PETER REDPATH, Esq.

JOHN H. R. MOLSON, Esq.

THE HON. SIR ALEXANDER T. GALT, G.C.M.G.

JOHN MOLSON, Esq.

JOSEPH HICKSON, Esq.

THE HON. JOHN J. C. ABBOTT, D.C.L., Q.C.

WILLIAM C. McDONALD, Esq.

HUGH MCLENNAN, Eso.

GEORGE HAGUE, ESQ.

SIR DONALD A. SMITH, K.C.M.G., LL.D., (Cantab).

E. B. GREENSHIELDS, Esq., B.A.

SAMUEL FINLAY, Eso.

(The Board of Governors has, under the Royal Charter, the power to frame Statutes, to make Appointments, and to administer the Finances of the University,)

#### PRINCIPAL:

SIR WILLIAM DAWSON, M.A., LL.D., F.R.S., C.M.G., Vice-Chancellor.

(The Principal has, under the Statutes, the general superintendence of all affairs of the College and University, under such regulations as may be in force.)

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REV. JOHN COOK, D.D., Principal of Morrin College, Quebec.

ALEXANDER JOHNSON, M.A., LL.D., Vice-Principal and Dean of the Faculty of Arts, Governors' Fellow.

REV. GEORGE CORNISH, M.A., LL.D., Elective Fellow, Faculty of Arts.

REV. D. H. MACVICAR, D.D., LL.D., Principal of the Presbyterian College, Montreal.

JOHN REDPATH DOUGALL, M.A., Representative Fellow in Arts. WILLIAM H. KERR, Q.C., D.C.L., Dean of the Faculty of Law. Rev. J. CLARK MURRAY, LL.D., Elective Fellow, Faculty of Arts. HENRY T. BOVEY, M.A., C.E., Dean of the Faculty of Applied Science. BERNARD J. HARRINGTON, B.A., Ph.D., Elective Fellow, Fac. App. Science.

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R. P. HOWARD, M.D., LL.D., Dean of Faculty of Medicine.
S. P. ROBINS, M.A., LL.D., Principal of McGill Normal School.

A. W. BANNISTER, B.A., Principal of St. Francis College. FREDERICK W. KELLY, B.A., Ph.D., Representative Fellow in Arts. Rev. JAMES BARCLAY, B.A., Governors' Fellow.

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Science.

MATTHEW HUTCHISON, B.C.L., Representative Fellow in Law.

MATTHEW HUTCHISON, B.C.L., Representative Fellow in Law. WILFRID T. SKAIFE, B.A.Sc., Representative Fellow in Applied Science.

(The Governors, Principal and Fellows constitute, under the Charter, the Corporation of the University, which has the power, under the Statutes, to frame regulations touching Courses of Study, Matriculation, Graduation and other Educational matters; and to grant Degrees.)

## OFFICE OF SECRETARY, REGISTRAR AND BURSAR:

[And Secretary of the Royal Institution.]

JAMES W. BRACKENRIDGE, B.C.L., Acting Secretary; Residence, 107 Shuter Street; office hours, 9 to 5.



## General Statement.

#### SESSION OF 1888-89.

The Fifty-sixth Session of the University, being the Thirty-sixth under the amended Charter, will commence in the Autumn of 1888.

By Virtue of the Royal Charter, granted in 1821, and amended in 1852, the Governors, Principal and Fellows of McGill College constitute the Corporation of the University; and, under the Statutes framed by the Board of Governors, with the approval of the Visitor, have the power of granting Degrees in all the Arts and Faculties, in McGill College, and Colleges affiliated thereto.

The Statutes and Regulations of the University have been framed on the most liberal principles, with the view of affording to all classes of persons the greatest possible facilities for the attainment of mental culture and professional training. In its religious character the University is Protestant, but not denominational; and while all possible attention will be given to the character and conduct of students, no interference with their peculiar religious views will be sanctioned.

The educational work of the University is carried on in McGill College, Montreal, and in the affiliated Colleges and Schools.

#### I.—McGILL COLLEGE.

THE FACULTY OF ARTS.—The complete course of study extends over four Sessions, of eight months each; and includes Classics and Mathematics, Experimental Physics, English Literature, Logic, Mental and Moral Science, Natural Science, and one Modern Language, or Hebrew. The course of study is, with few exceptions, the same for all students in the first two years; but in the third and fourth years extensive options are allowed, more especially in favour of the Honour Courses in Classics, Mathematics, Mental and Moral Science, Natural Science, English Literature and Modern Languages. Certain exemptions are allowed to professional students. The course of study leads to the Degrees of B.A., M.A., and LL.D.

THE DONALDA SPECIAL COURSE IN ARTS provides for the education of women, with course of study, exemptions and honours similar to those for men.

THE FACULTY OF APPLIED SCIENCE provides a thorough professional training, extending over three or four years, in Civil Engineering, Mechanical Engineering, Mining Engineering and Assaying, and Practical Chemistry, leading to the Degrees of Bachelor of Applied Science, Master of Engineering, and Master of Applied Science.

THE FACULTY OF MEDICINE.—The complete course of study in Medicine extends over four Sessions, of six months each, and one Summer Session of three months in the third Academic Year, and leads to the Degrees of M.D., C.M.

1

THE FACULTY OF LAW.—The complete course in Law extends over three Sessions of six months each, and leads to the Degrees of B.C.L. and D.C.L.\*

#### II.—AFFILIATED COLLEGES.

Students of Affiliated Colleges are matriculated in the University, and may pursue their course of study wholly in the Affiliated College, or in part in McGill College, and may come up to the University Examinations on the same terms with the Students of McGill College.

- MORRIN COLLEGE, Quebec.—Is affiliated in so far as regards Degrees in Arts and Law. (Detailed information may be obtained from Rev. John Cook, D.D., Principal.)
- St. Francis College, *Richmond*.—Is affiliated in so far as regards the Intermediate Examinations in Arts. (Detailed information may be obtained from Principal Bannister, B.A., Richmond, P.Q.)

### III.—AFFILIATED THEOLOGICAL COLLEGES.

Affiliated Theological Colleges have the right of obtaining for their students the advantage, in whole or in part, of the course of study in Arts, with such facilities in regard to exemptions as may be agreed on.

THE CONGREGATIONAL COLLEGE OF BRITISH NORTH AMERICA, Montreal.

THE PRESBYTERIAN COLLEGE, MONTREAL, in connection with the Presbyterian Church in Canada.

THE DIOCESAN COLLEGE OF MONTREAL.

THE WESLEYAN COLLEGE OF MONTREAL.

#### IV.—AFFILIATED SCHOOLS.

- THE McGill Normal School provides the training requisite for Teachers of Elementary and Model Schools and Academies. Teachers trained in this School are entitled to Provincial Diplomas.
- THE MODEL SCHOOLS OF THE McGILL NORMAL SCHOOL are Elementary Schools, divided into a Boys' Department, Girls' Department, and Primary School.
- COLLEGIATE INSTITUTES, ACADEMIES, and HIGH SCHOOLS may be affiliated in so far as regards Matriculation in Arts and Applied Science, under the University regulations. The names of those at present recognised will be found in the General Calendar of the University.



<sup>\*</sup>Information respecting the Faculties and Departments will be found in the General Calendar of the University, and in the special announcements.

## Faculty of Medicine.

SIR WILLIAM DAWSON, C.M.G., LL.D., F.R.S., Principal and Professor of Natural History.

R. PALMER HOWARD, M.D., LL.D., Dean of the Faculty.

#### EMERITUS PROFESSORS.

WILLIAM WRIGHT, M.D., Materia Medica, 84 St. Famille Street.

DUNCAN C. MACCALLUM, M.D., Midwifery, 45 Union Avenue.

ROBERT CRAIK, M.D., Chemistry, Treasurer of the Faculty, 2 Cathcart Street.

#### PROFESSORS.

- R. Palmer Howard, M.D., LL.D., Dean of the Faculty, and Professor of Medicine, 47 Union Avenue.
- G. E. FENWICK, M.D., Professor of Surgery, 2356 St. Catherine Street.
- G. P. GIRDWOOD, M.D., Professor of Chemistry, 54 Beaver Hall Hill.

GEORGE Ross, M.A., M.D., Professor of Clinical Medicine, 49 Union Avenue.

THOMAS G. RODDICK, M.D., Professor of Clinical Surgery, 80 Union Avenue.

WILLIAM GARDNER, M.D., Professor of Gynæcology, 109 Union Avenue.

Francis J. Shepherd, M.D., Professor of Anatomy and Librarian of the Faculty, 85 Mansfield Street.

FRANK BULLER, M.D., Professor of Ophthalmology and Otology, 838 Dorchester Street.

James Stewart, M.D., Professor of Pharmacology and Therapeutics, and Registrar of the Faculty, 873 Dorchester Street.

GEORGE WILKINS, M.D., Professor of Medical Jurisprudence, and Lecturer on Histology, 898 Dorchester Street.

D. P. PENHALLOW, B.Sc., Professor of Botany, 74 Shuter Street.

R. L. MACDONNELL, B.A., M.D., Professor of Hygiene, and Demonstrator of Anatomy, 117 Metcalfe Street.

T. WESLEY MILLS, M.A., M.D., McGill College, Professor of Physiology.

James C. Cameron, M.D., Professor of Midwifery and Diseases of Infancy, 43 Belmont Park.

### DEMONSTRATORS, INSTRUCTORS, &c.

R. F. RUTTAN, B.A., M.D., Lecturer on Chemistry, McGill College.

WILLIAM R. SUTHERLAND, M.D., Assistant Demonstrator of Anatomy, and Curator of the Museum, 764 Sherbrooke Street.

GEORGE W. MAJOR, B.A., M.D., Instructor in Laryngology, 82 Union Avenue. ALEX. D. BLACKADER, B.A., M.D., Instructor in Diseases of Children, 70 Beaver Hall Hill.

ROBT. J. B. HOWARD, B.A., M.D., Assistant Demonstrator of Anatomy, 47 Union Avenue.

WYATT G. JOHNSTON, M.D., Demonstrator of Pathology, McGill College.

JAMES BELL, M.D., Assistant to the Chair of Clinical Surgery, 59 Beaver Hall Hill. T. JOHNSON ALLOWAY, M.D., Instructor in Gynæcology, 934 Dorchester Street. F. G. FINLEY, M.D., Assistant Demonstrator of Anatomy, 801 Dorchester St.

## BENEFACTORS OF THE

# faculty of Medicine.

## I.—LEAN CHOIL ENDOWMENT.

					\$50,000
Sir Donald A.	Smith	 	 	 	Ψ30,000

## II.—CAMPBELL MEMORIAL ENDOWMENT.

Established to commemorate the services rendered to the Faculty during

Established to commemorate the se	ervices rendered to the rucking	
forty years by the late Dean, George W. (	Campbell, M.D., LL.D.	
forty years by the time		¢-00
Mrs. G. W. Campbell\$2,000		\$500
H. A. Allan 1,500	Cantlie, Ewan & Co	500
Sir D. A. Smith	Robt. Reford	500
	J. & W. Ogilvie	500
	Randolph Hersey, Esq	500
	John A. Pillow, Esq	500
George 11. Diament,	S. Carsley, Esq	500
	D. C. MacCallum, M.D	500
	McLachlan Bros	500
W. C. McDonald, Esq 1,000	S. Greenshields, Son & Co	500
A Friend	Jonathan Hodgson, Esq	500
Duncan McIntyre, Esq 1,000	Duncan McEachran, Esq.,	
Alex. Buntin, Esq 1,000	F.R.C.V.S	500
A. F. Gault, Esq 1,000	Geo. Ross, M.D.	500
M. H. Gault, Esq 1,000	T. G. Roddick, M.D.	500
G. W. Stephens, Esq 1,000	Wm. Gardner, M.D.	500
James Benning, Esq 1,000	G. P. Girdwood, M.D	500
R P. Howard, M.D 1,000	G. E. Fenwick, M.D.	500
Frank Buller, M.D 1,000	Alex. Ramsay, Esq	500
G. B. & I. H. Burland, Esqrs. 1,000	Alex. Ramsay, Esq.	500
Miss Elizabeth C. Benny 1,000	Cochrane, Cassils & Co	500
J. C. Wilson, Esq 1,000	Joseph Hickson, Esq	500
Mrs. John Redpath 1,000	Allan Gilmour (Ottawa)	500
Hon. John Hamilton 1,000	R. W. Shepherd, Esq	300
Miss Orkney 1,000	Miles Williams, Esq	250
Hugh McKay, Esq 1,000	Chas. F. Smithers, Esq	250
Hector McKenzie, Esq 1,000	John Kerry, Esq	250
Thomas Workman, Esq 1,000	A Raumgarten, Esq.,	250
Hugh McLennan, Esq 1,000	V R Elmenhorst, Esq	250
O. S. Wood, Esq 1,000	W F Lewis Esq	250
James Burnett, Esq 500	Geo Armstrong, Esq	250
Andrew Robertson, Esq 500	T M Donglas, Esq	250
Robt. Mackay, Esq 500	H Tyman Sons & Co	250
	William Osler, M.D.	250
	F I Shenherd, M.D.	200
Alex. Orquitare, 25q.	Boni Dawson, Esq	150
	D Wolff Esq	
	Tamos Stewart, W.D.	
	Mrs Cuthbert (New Nichmons)	
J. K. Ward, Esq. 500 Warden King, Esq. 500	01	
		100
John Stirling, Esq 59	1	
	Version	

H. W. Thornton, M.D. (New		IT I Alloway MD	•
Richmond, Q.)	\$100	T. J. Alloway, M.D	\$25
A. T. Paterson, Esq	100	Robert Howard M.D. (C)	20
M. E. David, Ésq	100	Robert Howard, M.D. (St.	
C. B Hanvey, M.D. (Yale,	100	Johns)	20
B.C.)	100	Dr. J. & D. J. McIntosh (Van-	
D. Cluness, M.D. (Nanaimo,	100	kleek Hill)	20
B.C.)	100	J. E. Brouse, M.D. (Prescott)	20
W. Kinloch, Esq	100	J. H. McBean, M.D	15
Hua & Richardson	100	J. C. Rattray, M.D. (Cobden,	
Hugh Paton, Esq	100	0.) MD (1	IO
R. T. Godfrey, M.D	100	J. H. Howard, M.D. (Lachine).	10
T. A. Rodger, M.D	100	J. W. Oliver, M.D. (Clifton, O)	IO
W. A. Dyer, Esq	100	D. A. McDougall, M.D (Otta-	
Geo. Wood, M.D. (Fairbault,	100	wa; O.)	10
Min.)	100	A. Pousette, M.D. (Sarnia, O.).	10
A. A. Browne, M.D.	100	A. Ruttan, M.D. (Napanee, O.)	10
George Wilkins, M.D		James Gun, M.D. (Durham,	
R. L. MacDonnell, M.D.	100	I McDiamid MD (II	10
Joseph Workman, M.D. (Tor-	100	J. McDiarmid, M.D. (Hensall,	
onto)		O.)	5
Sir A. T. Galt	50	W. J. Derby, M.D. (Rockland,	
Henry Lunam, B.A., M.D.	50	O.)	5 5
(Campbellton, N.B.)		J. Gillies, M.D (Teeswater, O.)	5
Griffith Evans, M.D. (Vet. De-	50	J. B. Benson, M.D. (Chatham,	
partment, Army)	25	N.B.)	. 5
J. J. Farley, M.D. (Belleville).	25	L. A. Fortier, M.D. (St. David,	
Henry R. Gray, Esq	25	Q.)	5
Louis T. Marceau, M.D. (Na-	25	J. A. McArthur, M.D. (Port	
pierville, Q)	25	Elgin, O.)	5
R. J. B. Howard, M.D	25	John Campbell, M.D. (Sea-	
J 220 marcy 112.D	25	forth, O.)	5
III C	0		
111.—CAMERON	OBSTE	TRICAL ENDOWMENT.	

# McGill University.— faculty of Medicine.

TIME TABLE—FIRST AND SECOND YEARS, 1888-89.

A.	М.	Monday.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
	9	Anatomy Examination.	Anatomy.	Anatomy.	Anatomy.	Anatomy.	Practical Physiology, II Year,
	10	* Practical Chemistry, 2nd Year till 12 o'clock.	Practical Chemistry, II. Botany, 1st Year.	Practical Chemistry, 2nd Year. Histology Lecture, I Year.	Practical Chemistry, Botany, 1st Year.	Practical Chemistry, 2nd Year.	Practical Chemistry. Practical Physiology. Histology Demonstration.
	1	Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Montreal Gen'l Hospital.
P	M. 2	Physiology Examination,	Physiology, II Year,	Physiology, II Year.	Physiology, I Year,	Physiology, 1 & II Year,	
	3	Chemistry Examination.	Chemistry.	Chemistry.	Chemistry.	Chemistry.	
	4	Therapeutics Examination. Physiology, I Year.	Therapeutics.	Therapeutics. Physiology, I Year.	Therapeutics.	Therapeutics. Physiology, I Year.	
4	to 6		Practical Histology.		Practical Histology.		
	10 to 12 AM	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.

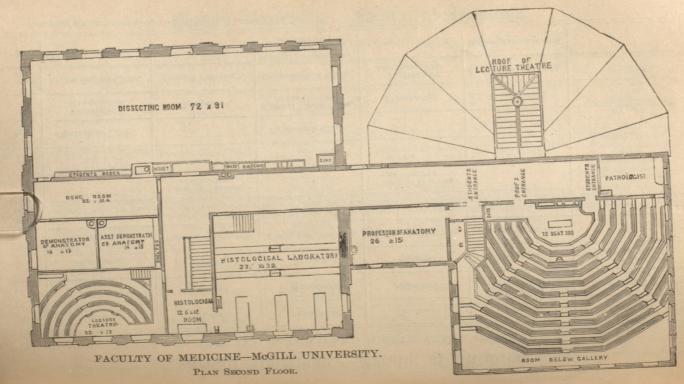
## McGill University.— faculty of Medicine.

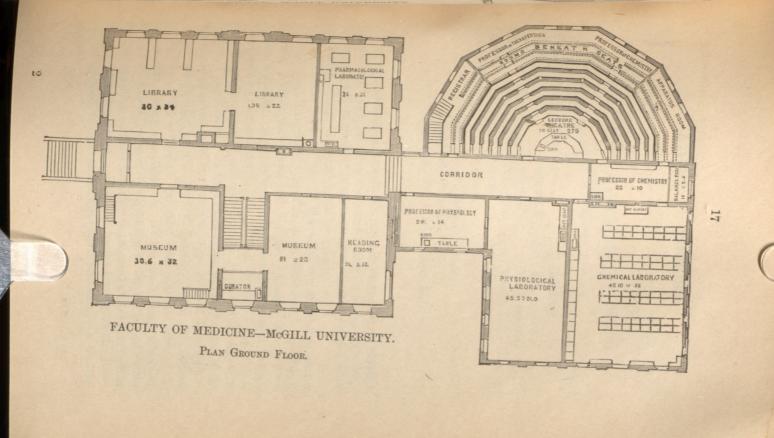
TIME TABLE—THIRD AND FOURTH YEARS, 1888-89.

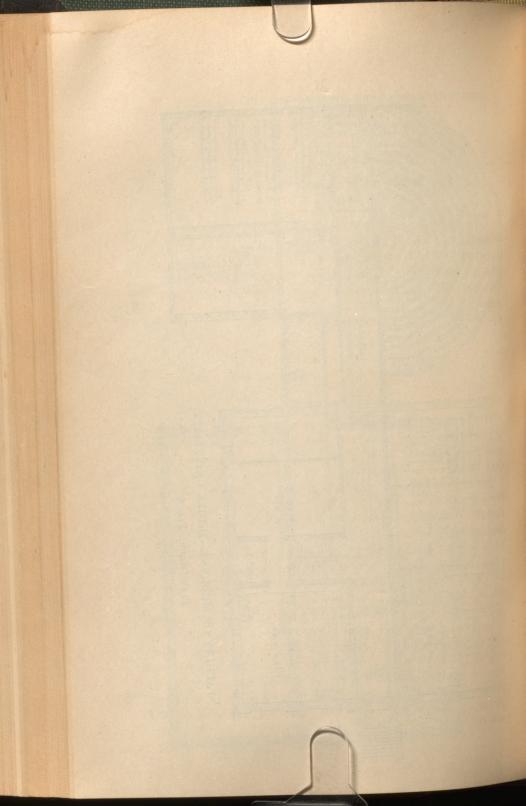
A.M.	Monday.	Tuesday.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Midwifery.	Gynæcology.	Midwifery.	Midwifery.	Gynæcology.	Midwifery, 4th Year only
10	Surgery, Examination.	Surgery.	Surgery.	Surgery.	Surgery.	Morbid Anatomy Demonstrations
11	Practice of Medicine, Examination.	Practice of Medicine.	Practice of Medicine.	Practice of Medicine.	Practice of Medicine.	Demonstrations.
P.M. 1-2.30	Medical Clinic, 4th Year. Surgical Clinic, 3rd Year.	Surgical Clinic, 4th Year Medical Clinic, 3rd Year	Medical Clinic, 4th Year Surgical Clinic, 3rd Year	Surgical Clinic, 4th Year Medical Clinic, 3rd Year	Medical Clinic, 4th Year	Surgical Clinic, 4th Year.
1		Clinic on Diseases of Children.		Clinic on Diseases of Children.		Clinic on Diseases of Children
)					Skin Clinic.	
2.30	Ophthalmic Clinic.		Ophthalmic Clinic.		Ophthalmic Clinic.	
4	Therapeutics Examination.	Therapeutics.	Clinical Therapeutics, At the Hospital.	Therapeutics.	Therapeutics.	
4	Gynæcological Clinic.	General Pathology.	Gynæcological Clinic.	Lecture on Ophthalmology.	Gynæcological Clinic.	
5-6	Medical Jurisprudence.	B-163-16	Medical Jurisprudence.  Midwifery.  3rd Year only.		Medical Jurisprudence.	

Autopsies are performed at the General Hospital between 12 a.

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## Faculty of Medicine.

THE PRINCIPAL (ex officio), SIR WM. DAWSON.

#### Professors:

WRIGHT,
HOWARD,
MACCALLUM,
CRAIK,
FENWICK,
GIRDWOOD,

Ross,
Roddick,
Gardner,
Shepherd.

WILKINS,
PENHALLOW,
MACDONNELL,
MILLS,
CAMERON.

BULLER, STEWART,

Dean—R. P. Howard, M.D. Registrar.—J. Stewart, M.D. Librarian.—F. J. Shepherd, M.D.

The Fifty-sixth Session of the Faculty will be opened on Monday, October 1st, 1888, by an introductory lecture at 3 p.m. The regular lectures will begin on October 2nd, at the hours specified in the time table, and will be continued for six months.

The Medical School of McGill University was founded in 1824 as the "Medical Institution" by Drs. John Stephenson, Andrew F. Holmes, William Robertson and William Caldwell. In 1829 the Medical Institution became the Medical Faculty of McGill College. There were no Sessions during the political troubles from 1836 to 1839, and it is owing to this gap that the present is the fifty-sixth Session of the Faculty. In reality this is the sixtieth Session of the School, which is the direct continuation of the Medical Institution.

The new building of the Medical Faculty, which was opened in the year 1885, is one of the most complete structures of its kind on this continent or elsewhere. It has been found admirably adapted for the fulfilment of the great aim of the Faculty—to make the teaching of the primary branches as practical and as thorough as possible. The facilities now possessed by the Faculty for the above purpose are equal to those of the most advanced European medical schools.

Through the great liberality of Sir Donald A. Smith in founding the "Leanchoil Endowment," and of the citizens of Montreal and Medical Graduates in subscribing to the "Campbell Memorial Fund," the Faculty are enabled to conduct and maintain the teaching of the different branches in a high state of efficiency.

#### Laboratories, &c.

In addition to the laboratories and dissecting room, there are two large lecture rooms, each capable of comfortably seating 300 students, and one small demonstration room for classes of 50 and under. The space allotted to the library and museum has been largely increased. A large reading room, with waiting and cloak rooms, have been provided for students.

#### Dissecting Room.

The Dissecting Room, which is situated on the second floor, is 76 feet in length and 31 feet in breadth. It is furnished with twenty tables, and is well lighted for work during the day and night. In procuring appliances for the comfort and convenience of the students, no reasonable expense has been spared.

In connection with the dissecting room, there is a "Bone room," where students have an excellent opportunity of studying osteology. There are also two distinct rooms for the demonstrators of anatomy.

### Physiological Laboratory.

The Physiological Laboratory, which is situated on the ground floor, is supplied with the most modern apparatus for the practical teaching of this most important branch of the medical curriculum. It contains amongst other valuable instruments: kymographs, various manometers, &c., for demonstrating blood pressure; myographs, rheocords, moist chambers, &c., and various electrical appliances for demonstrating experiments in connection with nerve and muscle; special apparatus for illustrating various points in respiration; apparatus specially suitable for demonstrating the processes of digestion, as well as the chemical composition and nature of the secretions, and the chief constituents of the tissues and nutritive fluids. The laboratory is arranged in such a way as to permit of students assisting at, and taking part in, these demonstrations. During the past session important additions have been made to the physiological laboratory.

### Histological Laboratory.

The Histological Laboratory is a large, well lighted room on the second floor. It is so arranged that over eighty students can be present at the microscopical demonstrations. For this purpose it is supplied with thirty-five microscropes, all from the well-known makers, Zeiss, Hartnack and Leitz. From the large number of microscopes employed, students will have special facilities in studying and making themselves thoroughly acquainted with the specimens that are the subjects of demonstration.

### Pharmacological Laboratory.

The Pharmacological Laboratory is a large room situated on the ground floor, and is now furnished with the necessary appliances for the practical teaching of pharmacy. It is hoped that before another session passes away, the apparatus necessary for the demonstration of the more important actions of many drugs will be in possession of the Faculty.

#### Chemical Laboratory.

The Chemical Laboratory is large, lofty, and well lighted, and can accommodate comfortably 76 men at one time. Each student, when entering on this course, has a numbered table in the laboratory assigned to him for his use during the session. Each table has its own gas and water fixtures, and is provided with shelves for its corresponding set of reagent-bottles, as well as a drawer and locker containing a modern set of chemical apparatus especially adapted for the work. This apparatus is provided by the Professor of Chemistry, and supplied to each student without extra charge. The student is only required to pay for apparatus broken or destroyed.

The laboratory is furnished with a large draught closet for ventilation, sulphuretted hydrogen apparatus, gas and combustion furnaces, &c., giving to the student unsurpassed advantages for acquiring a sound and practical knowledge of medical chemistry.

#### Pathological Laboratory.

In the Pathological Laboratory accommodation will be provided for students or practitioners who desire to carry on private pathological research. The recent additions made to the laboratory include a suite of rooms exclusively devoted to the study and culture of Bacteria, furnished with a complete outfit of the best modern apparatus for this purpose, including sterilizer, thermostat, &c., &c.

The demonstrations in Morbid Anatomy will be given in a small laboratory specially arranged for the work.

The classes in Pathological Histology will be held in the Histological Laboratory.

The class tickets for the various courses are accepted as qualifying candidates for examination before the various Colleges and Licensing bodies of Great Britain and Ireland, and the College of Physicians and Surgeons of Ontario. The degree in Medicine of this University carries with it at the Licensing Boards of Great Britain the same exemptions in certain subjects as are granted to all colonial degrees.

To meet the circumstances of the General Practitioners in British North America, where there is no division of the profession into Physicians and Surgeons exclusively, the degree awarded upon graduation is that of "Doctor of Medicine and Master of Surgery," in accordance with the general nature and character of the curriculum, as fully specified hereafter. The degree is received by the College of Physicians and Surgeons of the Province of Quebec.

#### MATRICULATION.

It is very important that intending Students should bear in mind the following:—

- (1.) If residents of Ontario, and desirous of obtaining the license of that Province, they must conform to the regulations regarding the Preliminary Examination, and register before beginning their medical studies. (See page 26.)
- (2.) If residents of the Province of Quebec, and desirous of obtaining the license of that Province, they must pass the Matriculation Examination of the Quebec Medical Board before beginning their medical studies. (See page 25.)

In the event of a resident in the Province of Quebec producing a Certificate of Matriculation from any of the other Provinces of the Dominion he will be required to make a declaration that he had not obtained it with the object of avoiding the examination of the Quebec Medical Board.

(3.) Residents of the Maritime Provinces, Manitoba, or British Columbia may either pass the Preliminary Examination of their respective Medical Boards or the Matriculation Examination of this University.

## (A).—UNIVERSITY MATRICULATION EXAMINATION.

The Preliminary Examinations in General Education of the following Bodies is accepted by the University iu lieu of its own Matriculation Examination:—

- 1. The College of Physicians and Surgeons, Ontario.
- 2. The College of Physicians and Surgeons, Quebec.
- 3. The New Brunswick Medical Board.
- 4. The Nova Scotia Medical Board.
- 5. The Manitoba Medical College.
- 6. The British Columbia Medical Council.

Graduates and Matriculates in Arts of all recognized Universities are exempt from matriculation. Any student who is unable to present proof of having passed any one of the above or other equally satisfactory examination, will be required to undergo the matriculation examination either in Arts or Medicine of this University.

The matriculation in Arts is held twice yearly: on the 1st of June and following days, and on the 17th of September and following days.

The subjects for examination are Classics, Mathematics and English.

In Classics.—Greek: Xenophon's Anabasis I., Homer's Iliad IV.

Latin: Cicero, in Catalinam I., Virgil's Æneid, II.

In Mathematics.—Arithmetic; Algebra, to simple equations (inclusive); Euclid's Elements, Books I., II., III.

In English.—Writing from Dictation. A paper on English Grammar, including Analysis. A paper on the leading events of English history.

An equivalent amount of other books or other authors in Latin or Greek than those named may be accepted by the Examiners, on application made through the Professor of Classics.

The Medical Matriculation Examination is the same as that required by the Medical Council of Great Britain.

Examinations in conformity therewith will be held on the last Friday and Saturday in March and the third Friday and Saturday in September of each year. Applications may be made to Dr. Howe, the Examiner till the evening of the previous day. The requirements of the standard for Matriculation are:—(1) English Language, including Grammar and Composition.\* (2) English History. (3) Modern Geography. (4) Latin, including Translation from the original and Grammar. (5) Elements of Mathematics, comprising (a) Arithmetic, including Vulgar and Decimal Fractions; (b) Algebra, including simple Equations; (c) Geometry, including the first two books of Euclid or the subjects thereof. (6) Elementary Mechanics of Solids and Fluids, comprising the elements of Statics, Dynamics and Hydrostatics. (7) One of the following optional subjects:—(a) Greek, (b) French, (c) German, (d) Italian, (e) any other modern language, (f) Logic, (g) Botany, (h) Elementary Chemistry.

<sup>\*</sup> The ability of the candidate will be fully tested in the following;—"(I) To write sentences in English on a given theme, attention being given to spelling and punctuation as well as to composition; (2) to write correctly from dictation; (3) to explain the grammatical construction of sentences; (4) to point out the grammatical errors in sentences ungrammatically composed, and to explain their nature; and (5) to give the derivation and definition of English words in common use."

TEXT-BOOKS—Latin: Cicero, in Catalinam II.; or Virgil, Æneid, Bk. II.

Greek.—Xenophon, Anabasis, Bk. I., or Homer's Iliad, Bk. IV. French.—Voltaire's Charles XII., Two Books.

NATURAL PHILOSOPHY.—Ganot's Physics, the Chapters on Statics, Dynamics, Hydrostatics and Heat.

Botany.—Gray's "How Plants Grow."

ELEMENTARY CHEMISTRY.—Storer and Elliott's Manual.

### (B).—MATRICULATION EXAMINATION

OF THE

## COLLEGE OF PHYSICIANS AND SURGEONS OF QUEBEC.

- Latin.—Cæsar's Commentaries, Bks. I., II., III., IV., V.—Virgil's Æneid, Bks. I. and II.—The Odes of Horace, Bk. III.
- English.—Sprague's "Six Selections from Washington Irving's Sketch Book."—A play of Shakespeare, viz., "Henry V." for 1888, and "Corialanus" for 1889.
- French.—Fénélon's "Aventures de Télémaque."—A French play, viz., Molière, "Le Bourgeois Gentilhomme" for 1888, and Le Fontaine's "Fables," Books I., II., III., for 1889.
- Belles Lettres and Rhetoric.—Principles of the subject. History of the Literature of the age of Pericles in Greece, of Augustus in Rome, of Elizabeth in England, Louis XIV. in France, and of the 18th century.
- HISTORY.—Outlines of the History of Greece and Rome, with particular knowledge of England, France and Canada.
- Geography.—A general view, with particular knowledge of England, France and North America.
- ARITHMETIC.—Must include Vulgar and Decimal Fractions, Simple and Compound Proportion, Interest and Percentages, and Square Root.
- ALGEBRA.—Must include Fractions and Simultaneous Equations of the First Degree.
- GEOMETRY.—Euclid, Books I., II., III., IV. and VI., or the portion of of Plane Geometry covered by those Books. Also the measurement of the lines, surfaces and volumes, of regular geometrical figures.

#### OPTIONAL SUBJECTS.

Greek.—Xenophon's Anabasis, Book I.—Homer's Iliad, Book I.

Physics.—Outlines of the subject, as in Ganot's Physics, translated by Atkinson.

Philosophy.—Elements of Logic and of Moral Philosophy, as in Jevon's Logic and Calderwood's Hand-book of Moral Philosophy.

The Examinations will be held upon the 20th of September, 1888, at Quebec, and on the 2nd of May, 1889, at Montreal. Applications to be made to Dr. F. W. Campbell, Montreal, or Dr. Belleau, Quebec, either of whom will furnish schedule giving text books and percentage of marks to be obtained.

Examination Fee, ten dollars. Should the candidate be unsuccessful, one half of the fee will be returned.

Of the four years' study after having passed the Matriculation Examination, three six months' sessions, at least, must be attended at a University, College, or Incorporated School of Medicine, recognized by the "Provincial Medical Board." The first session must be attended during the year immediately succeeding the Matriculation Examination, and the final session must be in the fourth year.

## (c).-MATRICULATION EXAMINATION

OF THE

## COLLEGE OF PHYSICIANS AND SURGEONS OF ONTARIO.

On and after July 1st, 1888, every one desirous of being registered as a Matriculated Medical Student in the Register of this College, except as hereinafter provided, must present to the Registrar, Dr. Pyne, Toronto, the official certificate of having passed the 2nd class Teachers' examination with Latin option; whereupon he shall be entitled to be so registered upon the payment of twenty dollars and giving proof of his identity.

Graduates in Arts, or Students having matriculated in Arts in any University in Her Majesty's Dominions are not required to pass the Matriculation Examination, but may register their names with the Registrar of the College, upon giving satisfactory evidence of their qualifications and upon paying the fee of twenty dollars.

II.

# ENREGISTRATION AND PAYMENT OF FEES.

The following are the University Regulations:-

All Students desirous of attending the Medical Lectures shall, at the commencement of each Session, enrol their names and residences in the Register of the Medical Faculty, and procure from the Registrar a ticket of Enregistration, for which each Student shall pay a fee of \$5; excepting in the Clinical Classes, in which Enregistration for Students of other Schools shall not be compulsory.

The said Register shall be closed on the last day of October in each year. The fees are payable to, and all class tickets will be issued by, the Registrar, and must be paid in advance (except under special circumstances) at the time of enregistration.

Enregistration in the Summer Session is compulsory upon all Students, whether attending one or more of the classes.

III.

### COURSES OF LECTURES.

#### ANATOMY.

PROFESSOR FRANCIS J. SHEPHERD.

JOHN STEPHENSON, 1824.

WILLIAM E. SCOTT, 1856. OLIVER T. BRUNEAU, 1842. FRANCIS J. SHEPHERD, 1883.

Anatomy is taught in the most practical manner possible, and its . relation to Medicine and Surgery fully considered. The lectures are illustrated by the fresh subject, moist and dry preparations, sections, models and plates, and drawings on the blackboard.

### PRACTICAL ANATOMY.

Demonstrator - RICHARD L. MACDONNELL. Assistant Demonstrators - - { WILLIAM R. SUTHERLAND, R. J. B. HOWARD.

Special attention is devoted to this important branch, the teaching

being similar to that of the best European schools. The Dissecting Room is open from 8 a.m. to 10 p.m.; the Demonstrators' hours are from 10 to 12 a.m., and 8 to 10 p.m. Special Demonstrations on the Brain, Thorax, Abdomen, Bones, &c., are frequently given. Every Student must be examined at least three times on each part dissected, and if the examinations are satisfactory a certificate is given. Prizes are awarded at the end of the Session for the best examination on the fresh subject. Abundance of material provided.

#### CHEMISTRY.

PROFESSOR GILBERT P. GIRDWOOD. LECTURER, R. F. RUTTAN.

Andrew F. Holmes, 1824. William Sutherland, 1849.
Archibald Hall, 1842. Robert Craik, 1867.

GILBERT P. GIRDWOOD, 1879.

Inorganic Chemistry is fully treated; a large portion of the course is devoted to Organic Chemistry and its relations to Physiology. The branches of Physics bearing upon or connected with Chemistry also engage the attention of the Class. For experimental illustration abundant apparatus is possessed by the College.

The Chemical Laboratory will be open to members of the class to repeat experiments performed during the course, under the superintendence of the Professor or Lecturer.

### PRACTICAL CHEMISTRY.

PROFESSOR GILBERT P. GIRDWOOD.

LECTURER, R. F. RUTTAN.

The course in practical chemistry includes two hours' laboratory work three times a week for three months. The Students are instructed individually in chemical manipulations, blow-pipe analysis, and qualitative determination of the salts, acids, &c., they will require to use in practice. They are required before finishing their course to be familiar with the principles of practical Forensic and Sanitary Chemistry. Special attention is directed to instructing the Student

in making accurate notes of his experiments and his conclusions. These notes are examined daily and criticised.

### PHYSIOLOGY.

### PROFESSOR T. WESLEY MILLS.

JOHN STEPHENSON, 1824. WILLIAM FRASER, 1849.
STEPHEN C. SEWELL, 1842. JOSEPH M. DRAKE, 1872.
ROBERT L. MACDONNELL, 1845. WILLIAM OSLER, 1874.

T. WESLEY MILLS, 1886.

The purpose of this Course is to make Students thoroughly acquainted, as far as time permits, with modern Physiology: its methods, its deductions, and the basis on which the latter rest. Accordingly a full course of lectures is given, in which both the Experimental and Chemical departments of the subject receive attention.

In addition to the use of diagrams, plates, models, &c., every department of the subject is experimentally illustrated. The experiments are free from elaborate *technique*, and many of them are of a kind susceptible of ready imitation by the Student.

# Laboratory work for Senior Students:-

- (1.) During the first part of the Session there will be a course on Physiological Chemistry, in which the Student will, under direction, investigate food stuffs, digestive action, blood, and the more important secretions and excretions, including urine. All the apparatus and material for this course will be provided. Fee \$6.
- (2.) The remainder of the Session will be devoted to the performance of such experiments as are unsuitable for demonstration to a large class in the lecture room, and such as require the use of elaborate methods, apparatus, &c. There will be no extra fee for this part of the course.

#### HISTOLOGY.

### PROFESSOR GEO. WILKINS.

This will consist of a course of ten lectures and twenty-five weekly demonstrations with the Microscope. As the demonstrations will be

chiefly relied upon for teaching the Microscopic Anatomy of the various structures, the specimens under observation will then be minutely described. Plates and diagrams specially prepared for these lectures will be freely made use of.

Practical Histology.—This is an optional course given by Prof. Wilkins for the purpose, more especially, of teaching Microscopy. It will consist of twenty-five lessons of two hours each. Each Student will be provided with a Microscope and shewn how to use it, and also how to cut, stain and mount specimens for microscopical investigation.

For the purpose of enabling students to observe the different effects of staining, &c., on diseased and healthy structures, a few diseased specimens will be given them to prepare, at the latter part of the course. Students are at liberty to keep all the specimens they prepare. One of the great advantages of this course is that Students will be able to collect a cabinet of 100 or more specimens for reference at any time; these, besides being of great help to them during their College course, they will find especially useful when in active practice for the purpose of comparison with diseased growths. Reagents, and everything except cover-glasses and cabinet cases, provided. Fee, \$12.

# THE MICROSCOPE IN MEDICINE.

DRS. WILKINS and W. G. JOHNSTON.

This is an optional class for third and fourth year Students, and has been divided into two courses. (1) Pathological Histology, 20 lessons (two hours each) given during the winter, in which special attention will be paid to the microscopical study of pathological anatomy, and methods of preparing specimens. Each student will prepare and mount for himself a cabinet of 100 specimens illustrating all the principal lesions of disease. (2) Clinical Microscopy, 20 lessons in the summer session, affording a systematic training in the use of the microscope in the diagnosis of disease, the examination of urine, sputum, blood, pus, tumors and parasites of all kinds. Fee for either course alone \$12, or both courses \$18.

# PHARMACOLOGY AND THERAPEUTICS.

PROFESSOR JAMES STEWART.

Andrew F. Holmes, 1824. Archibald Hall, 1835. Stephen C. Sewell, 1842.

A. Hall, 1849. William Wright, 1854. James Stewart, 1883.

The course on this subject comprises:

I. A description of the Pharmacology and Therapeutics of the more important medicinal agents.

II. The delivery of a weekly lecture ("Clinical Therapeutics") in the theatre of the General Hospital on some case or groups of cases well adapted for illustrating important points in both general and special Therapeutics. The material for these lectures is abundant, being obtained from both the wards and the out door clinics. Electro Therapeutics will also be dealt with in this part of the course.

III. The attendance during the summer session of a course on Practical Materia Medica.

#### MEDICINE.

PROFESSOR R. PALMER HOWARD.

WILLIAM CALDWELL, 1824. WILLIAM ROBERTSON, 1833.

Andrew F. Holmes, 1842. R. Palmer Howard, 1860.

While the lectures on this subject are mainly devoted to Special Pathology and Therapeutics, no opportunity is lost of illustrating and explaining the *general* laws of disease. With the exception of certain affections seldom or never observed in this country, all the important internal diseases of the body, except those peculiar to Women and children, are discussed, and their Pathological Anatomy illustrated by the large collection of morbid preparations in the University Museum, and by fresh specimens contributed by the Demonstrator of Morbid Anatomy.

The College possesses an extensive series of Anatomical plates illustrative of the Histological and Anatomical appearances of disease, and the wards of the General Hospital afford the lecturer ample opportunities to refer to living examples of very many of the maladies he describes, and to give the results of treatment.

#### CLINICAL MEDICINE.

PROFESSOR GEORGE ROSS.

James Crawford, 1845 and 1852. R. Palmer Howard, 1856. Robt. L. Macdonnell, 1849. Duncan C. MacCallum, 1860. Stephen C. Sewell, 1850. Joseph M. Drake, 1868.

GEORGE Ross, 1872.

Attendance is given in the Medical Wards of the Montreal General Hospital on three days of every week with the 3rd year students, and three days with those of the 4th year. Accurate reports of all cases are kept by duly appointed clinical clerks, and are systematically read before the class. Instruction is given at the bedside, and special inducements are offered to every pupil to take part in the physical examination of patients. The mode of conducting investigations, the use of the microscope, the value of the thermometer and ophthalmoscope, &c., in medical diagnosis, are all explained and illustrated. Senior Students are called upon in rotation to examine new cases before the class, and to be examined thereon as to their general knowledge. In addition, one weekly Clinical Lecture is delivered, bearing upon some case or cases of importance which may happen to be under observation at the time. Special attention is directed to Medical Anatomy, and candidates for the degree will be examined thereon.

#### SURGERY.

PROFESSOR GEO. E. FENWICK.

JOHN STEPHENSON, 1824. G. W. CAMPBELL, 1835. GEO. E. FENWICK, 1875.

The first part of this course consists of Surgical Pathology, illustrated by a large collection of preparations from the College-Museum, also specimens as they are obtained from cases under observation at the Hospital, and contributed to that collection by the Hospital pathologist and from private sources. The second part of the course is devoted to the practice of Surgery, in which attention is drawn to cases which have been observed by the class during the previous summer session. The arious surgical appliances are

exhibited, and their uses and application explained. Surgical Anatomy and Operative Surgery form a special department of this course, and Quain's and Maclise's plates are used in illustration.

### CLINICAL SURGERY.

PROFESSOR THOMAS G. RODDICK.

James Crawford, 1845. WILLIAM E. SCOTT, 1852. DUNCAN C. MACCALLUM, 1856.

ROBERT CRAIK, 1860. GEORGE E. FENWICK, 1867. THOMAS G. RODDICK, 1875.

This course is eminently practical, consisting of bedside instruction and lectures delivered weekly, illustrative of surgical cases actually present in the wards of the General Hospital. The class is separated into junior and senior divisions which are taken charge of by the Professor on alternate days, when the reports of the Clinical clerks are read and criticised, and fresh cases are examined by the senior students. The surgical dressings are, as much as possible, reserved for these occasions, so as to give all present an opportunity of participating in the application of splints to fractures, dressing of wounds, minor operations, &c. Major operations are performed in the theatre attached to the Hospital, which is so constructed that the most distant can obtain a fair view of the operations. All the recently invented appliances for the treatment of surgical disease have been introduced into the Hospital.

#### MIDWIFERY.

### PROFESSOR J. C. CAMERON.

WILLIAM ROBERTSON, 1824. JOHN RACEY, 1833. GEO. W. CAMPBELL, 1835. MICHAEL MCCULLOCH, 1842.

ARCHIBALD HALL, 1854.

DUNCAN C. MACCALLUM, 1868.

ARTHUR A. BROWNE, 1883.

J. C. CAMERON, 1886.

This course will embrace: 1. Lectures on the principles and practice of the obstetric art, illustrated by diagrams, fresh and preserved specimens, the artificial pelvis, complete set of models illustrating deformities of the pelvis, wax preparations, bronze mechanical pelvis, &c. 2. Bedside instruction in the Montreal Maternity, including

the management and after-treatment of cases. 3. A complete course on obstetric operations with the phantom and preserved fœtuses.
4. The Diseases of Infancy.

5. A course of individual clinical instruction at the Montreal Maternity.

### GYNÆCOLOGY.

PROFESSOR WM. GARDNER, 1883.

The course on this subject will comprise two lectures a week throughout the session. The anatomy and physiology of the parts concerned will be first discussed. Then the various methods of examination will be fully described, the necessary instruments exhibited, and their uses explained. After this, the diseases peculiar to the sex will be considered as fully as time will permit, in the following order:—Disorders of Menstruation; Leucorrhæa, its causes and treatment; Pelvic Cellulitis and Peritonitis; Lacerations of the Cervix Uteri and Perineum; Urinary and Fæcal Fistulæ; Inflammations of the Uterus; Displacements of the Uterus; Tumors of the Uterus: Diseases of the Ovaries.

The lectures will be illustrated as fully as possible by drawings and morbid specimens. The Gynæcological Clinic of the General Hospital furnishes the Professor with ample material to illustrate the subjects considered in the didactic lectures.

# MEDICAL JURISPRUDENCE.

PROFESSOR GEO. WILKINS.

WILLIAM FRASER, 1845.
FRANCIS BADGLEY, 1849.
FRANCIS C. T. ARNOLDI, 1850.
WILLIAM E. SCOTT, 1851.
WILLIAM WRIGHT, 1852.

R. Palmer Howard, 1854.

Duncan C. MacCallum, 1860.

George E. Fenwick, 1867.

William Gardner, 1875.

George Wilkins, 1883.

This course includes Insanity, the subject being treated of in its Medical as well as Medico-Legal aspects. Special attention is devoted to the subject of blood stains, the Clinical, Microscopic and Spectroscopic tests for which are fully described and shown to the class. The various spectra of blood in its different conditions are shewn by Zeiss' Microspectroscope, so well adapted for shewing the reactions with exceedingly minute quantities of suspected material. Recent

researches in the diagnosis of human from animal blood are alluded to. In addition to the other subjects usually included in a course of this kind, Toxicology is taken up. The modes of action of poisons, general evidence of poisoning and classification of poisons are first treated of, after which the more common poisons are described, with reference to symptoms, post-mortem appearances, and chemical tests. The post-mortem appearances are illustrated by plates, and the tests are shown to the class.

# OPHTHALMOLOGY AND OTOLOGY.

PROFESSOR FRANK BULLER, 1883.

Will include a course of lectures on diseases of the Eye and the Ear, both Didactic and Clinical. In the former, the general principles of diagnosis and treatment will be dealt with; in the latter, cases illustrative of the typical forms of ordinary diseases of these organs will be exhibited and explained to the class, and afterwards placed under the special care of gentlemen who may show themselves competent to take charge of them. A course of Operations on the cadaver will be open to such students as may wish to avail themselves of the same.

#### HYGIENE.

PROFESSOR R. L. MACDONNELL.

GEORGE ROSS, 1871.

THOMAS G. RODDICK, 1873.

R. L. MACDONNELL, 1886.

ROBERT T. GODFREY, 1975.

WILLIAM GARDNER, 1879.

This course of Lectures will be delivered during the summer session only. It comprises lectures on Drinking Water and Public Water Supplies; conditions of Soil and Water as affecting health, including Drainage and the various methods for the removal of Excreta; the Atmosphere, including Heating and Ventilation; Individual Hygiene, comprising the subjects of Food and Drink; Physical Exercise and Bathing; discussion of the respective merits of the various forms of each, precautions, contra-indications, &c. Village Sanitary Associations; Mutual Protective Sanitary Associations for cities.

#### BOTANY.

# PROFESSOR D. P. PENHALLOW.

DR. PAPINEAU, 1845. ANDREW F. HOLMES, 1829. J. W. DAWSON, 1855. TAMES BARNSTON, 1857. D. P. PENHALLOW, 1883.

The course in Botany includes General Morphology, Histology, Physiology and Classification. It is designed to give special prominence to Physiology, which will be made comparative whenever practicable. The course is illustrated by the microscope and gas microscope, and by the collection, models and apparatus in the Peter Redpath Museum.\*

### ZOOLOGY.

# PROFESSOR SIR WILLIAM DAWSON.

This course includes a systematic study of the classification of animals, illustrated by Canadian examples and by the collections in the Peter Redpath Museum. It forms a suitable preparation for collecting in any department of Canadian Zoology and Palæontology, and an introduction to Comparative Physiology. It may be taken instead of Botany, or along with it, without any additional fee.

Students in Botany or Zoology will receive tickets to the Peter Redpath Museum, and to the Museum of the Natural History Society of Montreal.

### PATHOLOGY.

W. G. JOHNSTON, DEMONSTRATOR.

# This Course comprises :-

- 1. Twenty-five lectures on General Pathology to students of the 3rd year.
- 2. Weekly Pathological Demonstrations to students of the third year. The gross and microscopic appearances of specimens collected during the week, are demonstrated to the final classes. In addition, special demonstrations in Pathological Histology are given throughout the session.

<sup>\*</sup> Exemptions from Botany in the Matriculation, for Arts Students, do not entitle Students to exemptions in the First year.

3. Instruction in Post-Mortems. The Autopsy Room of the General Hospital is in charge of the Demonstrator. The post-mortems are performed by the students in rotation under his direction, and systematic demonstrations of post-mortem methods, including those to be followed in Medico-Legal cases, will also be given.

# Extracts from the University Regulations with respect to the Courses of Lectures:—

rst. Each Professor shall deliver at least five Lectures during the week, except in Medical Jurisprudence and Botany, if extended through six months, in which case three Lectures a week will suffice.

2nd. Every Lecture shall be of one hour's duration.

3rd. Every Professor shall occasionally examine his class upon the subjects treated of in his preceding Lectures, and every such examination shall be considered as a Lecture.

4th. A roll of the names of the Students attending such class shall be called from time to time,

# QUALIFICATIONS FOR THE DEGREE.

The following are Extracts from the Regulations respecting the qualifications of Candidates for the Degree in Medicine:—

No one entering after October 1st, 1884, will be admitted to the Degree of Doctor of Medicine and Master of Surgery, who shall not have attended Lectures for a period of at least four six months' sessions and one three months' summer session\* in this University, or some other University, College or School of Medicine, approved of by this University.

2nd. Candidates for Final Examination shall furnish Testimonials of attendance on the following branches of Medical Education, viz.:—

ANATOMY. PRACTICAL ANATOMY.

PHYSIOLOGY.

CHEMISTRY.

MATERIA MEDICA AND THERAPEUTICS.
PRINCIPLES AND PRACTICE OF SURGERY.

MIDWIFERY AND DISEASES OF WOMEN AND CHILDREN.

THEORY AND PRACTICE OF MEDICINE. CLINICAL MEDICINE.

CLINICAL SURGERY.

MEDICAL JURISPRUDENCE.

PRACTICAL CHEMISTRY. BOTANY OR ZOOLOGY. HYGIENE.

HISTOLOGY.

GENERAL PATHOLOGY.

Of which One Course of Six Months, or Two Courses of Three Months will be required.

Of which Two Courses will be rerequired of Six Months' dura-

tion.

Of which One Course will be required of Three Months' duration.

Ten Lectures and Twenty-five Demonstrations.

Twenty-five Lectures.

Provided, however, that Testimonials equivalent to, though not precisely the same as those above stated, may be presented and accepted.

3rd. The Candidates must give proof by ticket of having attended during eighteen months the practice of the Montreal General Hospital, or that of some other Hospital approved of by this University, and of having compounded medicines for six months.

<sup>\*</sup> To be taken after 3rd Winter Session.

4th. He must also give proof by ticket of having attended for at least six months the practice of the University or other Lying-in-Hospital approved of by this University, and of having attended at least six cases of labor.

5th. No one will be permitted to become a Candidate for examination who shall not have attended at least one Session of this University, and one full course of all the branches included in its curriculum.

6th. Courses of less length than the above will only be received for the time over which they have extended.

7th. Students, except by special permission of the Faculty, must pursue the subjects of Anatomy, Chemistry, Histology and Botany in their first session, and are advised to take Physiology in addition.

8th. Candidates who fail to pass in the primary subjects of Anatomy, Chemistry and Physiology at the end of the second year will be granted a supplemental examination at Christmas in the third year.

9th. In the event of failure in the supplemental examinations on the primary subjects in the third year, the Faculty may grant a supplemental examination in accordance with 10th regulation of Section IV.

10th. Supplemental examinations will not be granted, except by special permission of the Medical Faculty, and on written application stating reasons.

11th. Candidates who have not passed in all the primary subjects will not be permitted to present themselves for the pass examination in the final subjects of the fourth year except by special permission of the Faculty on application in writing giving sufficient reasons.

12th. Candidates who fail to pass in a subject of which two courses are required, may, at the discretion of the Faculty, be required to attend a third course, and furnish a certificate of attendance thereon.

A course in Practical Anatomy will be accepted as equivalent to a third course of lectures in General and Descriptive Anatomy.

13th. The requirements for the summer session, when as at present taken after the third winter session, shall be:—

- (a.) Daily Hospital attendance;
- (b.) Maternity attendance; and
- (c.) Any two weekly clinics in addition to the clinics on General Medicine and Surgery.

13th. Every Candidate for the Degree must, on or before the first day of March, present to the Registrar of the Medical Faculty testimonials of his qualifications, entitling him to an examination, and must at the same time deliver to the Registrar of the Faculty the following Certificate:—

MONTREAL, \_\_\_\_\_ 18-

I, the undersigned, being desirous of obtaining the Degree of Doctor of Medicine and Master of Surgery, do hereby declare that I have attained the age of twenty-one years, or (if the case be otherwise), that I shall have attained the age of twenty-one years before the next graduation day, and that I am not (or shall not be at that time) under articles as a pupil or apprentice to any Physician, Surgeon, or Apothecary.

(Signed),

14th. The trials to be undergone by the Candidate shall be such as are referred to under Section V.

13th. The following Oath or affirmation will be exacted from the Candidate before receiving his degree :-

#### SPONSIA ACADEMICA.

In Facultate Medicinæ Universitatis.

Ego, A-B-, Doctoratus in Arte Medica, titulo jam donandus, sancto coram Deo cordium scrutatore, spondeo;—me in omnibus grati animi officiis erga hanc Universitatem, ad extremum vitæ halitum, perseveraturum; tum porro artem medicam caute, caste, et probe exercitaturum; et quoad in me est, omnia ad ægrotorum corporum salutem conducentia, cum fide procuraturum; quæ denique, inter medendum, visa vel audita silere conveniat, none sine gravi causa vulgaturum. Ita præsens mihi spondenti adsit Numen.

15th. The fee for the Degree of Doctor of Medicine and Master of Surgery shall be thirty dollars, to be paid by the successful candidate immediately after examination.

V.

### EXAMINATIONS.

Weekly examinations are held to test the progress of the Student; and in addition two or three written examinations are given throughout the Session.

The examinations at the close of each Session are arranged as follows :-

### First Year.

Pass Examination in BOTANY and HISTOLOGY.

Sessional Examination in ANATOMY, CHEMISTRY, and PHYSI-OLOGY.

A maximum of one hundred marks will be allowed for the Sessional Examination in each subject, which marks shall be reckoned in the ranking of the candidate after the examination of the following year.

#### Second Year.

Pass Examination in Anatomy, Chemistry, Practical Chemistry and Physiology.

Sessional Examination in PHARMACOLOGY and THERAPEUTICS.

One hundred marks will be allowed for the Sessional Examination, which marks shall be reckoned in the ranking of the candidate after the examination of the following year.

#### Third Year.

Pass Examination in Pharmacology and Therapeutics, Medical Jurisprudence, Hygiene\* and Pathology.

#### Fourth Year.

Pass Examination in Medicine, Surgery, Obstetrics, Clinical Medicine, Clinical Surgery.

By means of the above arrangement a certain definite amount of work must be accomplished in each year, and an equitable division is made between the Primary and Final branches.

With regard to the Primary Examination at the end of the second year, it remains optional with the Student whether he passes in al the branches or leaves two for the third year. In any case, Chemistry, and anatomy must be taken at the close of the second year, except it be otherwise agreed to by the Faculty.

#### VI.

### MEDALS AND PRIZES.

Ist. The Holmes Gold Medal, awarded to the Student of the graduating class who receives the highest aggregate number of marks for the best examinations, written and oral, in both Primary and Final branches.

The Student who gains the Holmes Medal has the option of exchanging it for a Bronze Medal, and the money equivalent of the Gold Medal.

<sup>\*</sup> The examinations in Hygiene are held at the close of the summer session.

2nd. A Prize in Books awarded for the best examination, written and oral, in the Final branches. The gold medallist is not permitted to compete for this prize.

3rd. A Prize in Books awarded for the best examination, written

and oral, in the Primary branches.

4th. The Sutherland Gold Medal, awarded for the best examination in Theoretical and Practical Chemistry, together with creditable examination in the Primary branches.

5th. A Prize in Books for the best examination in Practical Anatomy.

6th. Prizes in Botany.

A Prize in Books for the best examination.

\* A Prize of \$20 for the best named collection of Canadian plants.

### VII.

### FEES.

Distributed according to years, the Class Fees are as follows:-

First Year.	\$12
Anatomy	12
	6
Triatalagy	12
Classichur	12
The state of the s	5
Determine the second se	5
Discreting Material	5
Enregistration	
Total	\$69
Goood Voor	
Second Year.	\$12
Anatomy	12
Practical Anatomy	12
Physiology	12
Chemistry	12
Practical Chemistry	3
Chemical Reagents	12
Materia Medica	6
Practical Physiology	6
Hygiene	5
Dissecting Material	5
Enregistration	
Total	\$97
	The let

<sup>\*</sup> This Prize is open to both Medical and Art Students.

#### Third Year.

Zima 10al.	
Medicine	12
Materia Medica	12
Clinical Medicine	12
Surgery	12
Clinical Surgery	12
midwifery and Gynæcology	12
Medical Jurisprudence	IO
Pathology	IO
Enregistration	5
Total	
	\$97
Fourth Year.	
Medicine	
Surgery.	\$12
Clinical Medicine	12
Clinical Surgery	12
Midwifery and Gynæcology	12
Enregistration	12
	5
Total	\$65
Summer Session	¢ 0 =
	\$25
HOSPITAL FEES.	
Montreal General Hospital, Perpetual Ticket	Φ-
Montreal Maternity	\$20
	8
Total	\$28
Graduation Too	phone.
Graduation Fee	\$30
Matriculation Fee, payable only if the Student takes the University Matriculation	
Total Collegiate and Hospital expenses, spread over four years,	5
a houst	100
	400
tions 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

It is to be understood that a Student wishing to take any other class than that of his year can do so on payment of the class fee.

All fees are payable in advance, to the Registrar, and except by permission of the Faculty will not be received later than 1st November.

It is suggested to parents or guardians of students that the fees be transmitted direct by cheque or P. O. Order, to the Registrar, who will furnish official receipts.

#### VIII.

### TEXT BOOKS.

(Prices current in Montreal.)

ANATOMY.—Gray, \$6; Wilson, \$4; Quain (Eng. Ed.) \$9.75.

PRACTICAL ANATOMY.—Heath's Dissector, \$4.50; Holden's Dissector, \$5; and Landmark's, \$1.

PHYSICS.—Balfour Stewart, \$1.35.

INORGANIC CHEMISTRY.—Millar, \$1.00; Wurtz's Elementary Chemistry, \$1.00.

ORGANIC CHEMISTRY.—Armstrong, \$1.00.

PRACTICAL CHEMISTRY.—Odling, \$1.75; Galloway, Fresenius, \$5.

PHARMACOLOGY and THERAPEUTICS.—Wood, \$6; Lauder Brunton, \$6; Whitla, 3.50; and Bruce, \$1.50.

Physiology.—Huxley's *Elementary Lessons*, \$1.35; Yeo, \$3.00; Foster, \$3.25; Prof. Mills's Outlines of Lectures, \$1.00.

Pathology.—Orth's Diagnosis in Pathology, \$3.50.

Histology.—Klein's Elements, \$1.50; Schäfer's Essentials of Histology, \$2.25.

Surgery.—Holmes' Surgery (Eng. Ed.) \$9; Erichsen, \$9.00; Druitt, \$4.25; Bryant, \$6.50; Treves, \$6.00.

PRACTICE OF MEDICINE.—Flint, \$5.50; Roberts, \$5; Bristowe, \$5; DaCosta, \$6; Fagge, \$10.00; Quain's Dict.

FOR REFERENCE.—Pepper's System of Medicine.

CLINICAL MEDICINE.—Graham Brown's Manual of Diagnosis, \$3.25; Finlayson's Clinical Manual, \$2.60; Flint on Auscultation and Percussion, \$1.60; and Loomis on Physical Diagnosis, \$3.00.

MEDICAL JURISPRUDENCE.—Husband, \$3.25; Guy and Ferrier, \$3.75; Reese, \$3.00.

MIDWIFERY.—Lusk, \$5; Galabin, \$3.00.

GYNECOLOGY.—Edis, \$3; Goodell's Lessons, \$4; Hart and Barbour's Manual, \$7.50; Thornburn, \$7.50.

Hygiene.—Parks, \$5.50; Wilson (Eng. Ed.) \$3.25.

BOTANY.—Gray's Text Book of Histology and Physiology, \$2.25.

Zoology.—Sir William Dawson's Handbook of Canadian Zoology \$1.25.

#### IX.

#### MUSEUM.

CURATOR, W. R. SUTHERLAND, M.D.

WILLIAM WRIGHT, 1852.
R. PALMER HOWARD, 1853.
ROBERT CRAIK, 1857.
HORACE NELSON, 1862.
GEORGE E. FENWICK, 1864.
JOSEPH M. DRAKE, 1864.
GEORGE ROSS, 1870.

WILLIAM FULLER, 1872.
THOMAS G. RODDICK, 1874.
JAMES C. CAMERON, 1876.
RICHARD L. MAGDONNELL, 1878.
A F. RITCHIE, 1879.
JAMES BELL, 1882.
W. R. SUTHERLAND, 1886.

For the past fifty years, the rich Pathological Material furnished by the Montreal General Hospital has been collected here. The faculty are now greatly indebted to many medical men throughout different parts of the world for important contributions to the Museum.

During the past few years, numerous and extremely important additions have been made to the Medical Museum.

It is particularly rich in specimens of Aneurisms. In addition to containing a large number of the more common varieties of these formations, there are specimens of such rare conditions as Aneurism of the Hepatic and Superior Mesenteric Arteries, Traumatic Aneurism of the Vertebral, together with several of the cerebral and pulmonary arteries. The most important collection probably in existence of hearts affected with "Malignant Endocarditis" is also found. The Faculty are indebted to Prof. Osler, late of this University, for this collection.

### Obstetrical Department of the Museum.

Besides the ordinary pathological preparations, dry and moist, usually found in Museums, this department contains a complete set of models of deformed pelves, a series of preparations in wax, illustrating the normal relations of the pelvic organs, the development of the Uterus and its contents during pregnancy, various abnormalities, twin pregnancy, foetal circulation &c., a series of colored casts of frozen sections, Tarnier's artificial pelvis, Budin's bronze mechanical pelvis, models of obstetrical instruments, &c.

Additions are being constantly made, and ere long the department will possess a complete collection of models, casts, preparations and apparatus for the practical teaching and illustration of Obstetrics.

#### Anatomical Museum.

In addition of the already large collection of normal and abnormal osteology, comparative and human, skeletons of various classes of animals, moist preparations and frozen sections, the following preparations have been obtained during the last session.

(1) A series of articulated skeletons of fore and hind limbs of the various domestic animals prepared by the articulator Mr. Bailly.

(2) Numerous moist preparations presented by the Professor and Demonstrator of Anatomy.

(3) A complete set of Steger's beautiful colored casts taken from the celebrated frozen sections of Professors His and Braune of Leipsig. These preparations have been placed in the Museum so that they can be constantly consulted by the Students.

(4) (a) A complete set of Steger's brain sections.

(b) Set of hardened brains with the various lobes, convolutions, ganglia, &c., in different colors.

(c) Models of the cerebro-spinal and sympathetic nervous systems.

X.

#### LIBRARY.

The Library of the Medical Faculty now comprises upwards of ten thousand volumes, the largest special library connected with any medical school on this continent. The standard text-books and works of reference, together with complete files of the leading periodicals, are on the shelves. Students may obtain books on making a deposit of \$5, which is refunded on returning the volumes.

#### XI.

### M'GILL MEDICAL SOCIETY.

This Society, composed of enregistered Students of the Faculty meets once a week during the Summer Session, and fortnightly during the Winter, for the reading of papers and the discussion of medical subjects. It is presided over by a physician chosen by the members.

A reading room has been established in connection with the Society, in which the leading English and American Medical Journals are on file.

The leading daily and weekly newspapers of the Dominion are also kept on file.

The Registrar collects from each student at the time of enregistration \$1.00 for the support of the Society's Library.

#### XII.

### COST OF LIVING, &c.

This will, of course, vary with the tastes and habits of the Student, but the necessary expenses need not exceed those in smaller towns. Good board may be obtained from \$15 to \$20 per month. A list of boarding-houses is prepared annually by the Secretary of the University, and may be procured from the Janitor at the Medical College.

#### XIII.

#### HOSPITALS.

#### Montreal General Hospital.

The Montreal General Hospital is the most extensive clinical field in the Dominion. A much larger number of in-door and out-door

patients receive treatment there than in any other Canadian Hospital. Last year's report shows that 2,347 Medical and Surgical cases were treated in the wards, and the great proportion of these were acute cases, as may be gathered from the fact that the average duration of residence was only 23.6 days.

The large number of out-door patients that are treated in the Hospital—averaging from eighty to ninety daily—supply illustrations of most of the diseases of infants and children, of very many of the eye and skin, and of those chronic and ill-defined ailments which, as they do not require admission to the wards of a hospital, would not otherwise come under the observation of the Student

The large number of patients affected with diseases of the eye and ear, now attending the out-door department, will afford Students ample opportunity to become familiar with all the ordinary affections of those organs, and to make themselves proficient in the use of the ophthalmoscope, and it is hoped that every student will thus seek to gain a practical knowledge of this important branch of Medicine and Surgery. Operations are performed on the eye by the Opthalmic Surgeon after the out-door patients have been seen, and Students are invited to attend the same, and, as far as practicable, to keep such cases under observation so long as they remain in the Hospital.

There are now special departments in the Hospital for Gynæcology and Laryngology, presided over by Specialists in these branches. Students are thus enabled to acquire special technical knowledge under skilled direction. The plan of teaching practical gynæcology for the past five years with marked success has been the limitation of the number of Students to two or three, who, in rotation, assist at the examinations, and receive instruction in the diagnosis and treatment of uterine diseases and the use of gynæcological instruments.

Recently two additional special clinics have been instituted in connection with the Out-door Department: one for diseases of children and the other for the diseases of the nervous system.

CLINICAL CLERKS in both medical and surgical wards are appointed every three months, and each one during his term of service conducts, under the immediate directions of the Clinical Professors, the reporting of all cases in the ward allotted him. The holding of one of these offices is found to be of the greatest possible advantage to Students, as affording a true *practical* training for his future pro-

fessional life. They will be awarded on application at the end of each Session to final Students of that year, in order of their standing in the primary examination.

Dressers are also appointed to the Surgical wards and to the Out-door Department. For these appointments, application is to be made to the Professor of Clinical Surgery, and to the Assistant Surgeons.

The Operating Room (used also for a lecture room) is so constructed as to enable the Students to obtain a good view of the operations.

#### Montreal Dispensary.

#### ST. ANTOINE STREET.

Over 12,000 patients yearly are treated at this Institution. The cases are of great variety, comprising a large number of pulmonary affections and children's diseases. Minor operations are of daily occurrence, and excellent practice is afforded in the application of splints and bandages. The attending Physicians furnish Students with all possible facilities. The hours of attendance are from 12 to 2 daily during the winter session and from 4 to 6 p.m. during the summer session.

### The Montreal Maternity.

The Faculty have great pleasure in announcing that the Corporation of the Montreal Maternity have recently made very important additions to their building, and have still further improvements in contemplation. Students will therefore have greatly increased facilities for obtaining a practical knowledge of obstetrics. The institution is under the direct supervision of the Professor of Midwifery. who devotes much time and attention to individual instruction. Students who have attended one course of lectures are furnished with cases in rotation, which they are required to report and attend till convalescence. They are advised to take their clinical midwifery as much as possible during the summer session. Though only six cases are required to qualify for the license of the Ontario and Quebec Medical Boards, twenty cases are demanded by the licensing bodies of Great Britain. A sufficient number of cases will be assigned to students who contemplate presenting themselves for British qualifications. Two resident Accoucheurs are appointed yearly from the graduating class to hold office for a period of six months each. By

an arrangement with the authorities of the Montreal General Hospital one of the residents acts as Clinical assistant to the Gynæclogists for a period of six months, a change which has greatly enhanced the value of this appointment.

#### XIV.

### TUDENTS' APPOINTMENTS.

General Hospital—Three Resident Medical Officers. Clinical Clerk, Gynæcology.

" Laryngology.

" Diseases of Children.

" Dermatology.

" Diseases of Nervous System.

University Maternity.—Two Resident Medical Officers.

Out-door Dressers.

Dressers in Eye and Ear Department.

Surgical Dressers (In-door).

Medical Clinical Clerks.

Post-mortem Clerks.

Student Demonstrators of Anatomy, 4 third-year Students.

Prosectors to Chair of Anatomy, 2.

Assistants in Practical Histology Course, 2.

Assistants in Practical Physiology Course, 4.

Assistants in Practical Chemistry, 2.

#### XV.

### RULES FOR STUDENTS.

- 1. In the case of disorderly conduct, any Student may, at the discretion of the Professor, be required to leave the Class-room. Persistence in any offence against discipline after admonition by the Professor shall be reported to the Dean of the Faculty. The Dean may, at his discretion, reprimand the Student, or refer the matter to the Faculty at its next meeting, and may in the interval suspend from classes.
- 2. Absence from any number of lectures can only be excused by necessity or duty, of which proof must be given, when called for, to

the Faculty. The number of times of absence, from necessity or duty, that shall disqualify for the keeping of a Session, shall in each case be determined by the Faculty.

- 3. While in the College, Students are expected to conduct themselves in the same orderly manner as in the Class-room.
- 4. When Students are brought before the Faculty under the above rules, the Faculty may reprimand, impose fines, disqualify from competing for prizes and honors, suspend from Classes, or report to the Corporation for expulsion.

#### XVI.

#### PAST SESSION.

The total number of students enregistered in this Faculty during the past year was 239, of whom there were, from—

Ontario	111	Newfoundland	3
Quebec		Manitoba	2
New Brunswick		British Columbia	1
Nova Scotia	23	West Indies	1
United States	- 8	England	1
P. E. Island	11		

The following gentlemen have passed their Primary Examination, which comprise the following subjects: Anatomy, Practical Anatomy, Chemistry, Practical Chemistry, Physiology, Histology and Botany:—

Addy, G. A. B	St. John, N.B.
Aylen, W. W	
Bissett, C. P.	River Bourgeois NS
Bowes, E. J	Ottawa O
Broderick, E. J.	Fredericton NB
Burritt, C. H., B.A	Mitchell O
Clarke, J. W	Tatamagoucho NS
Clune, P. J	Warkworth O
Coleman, A. H	Belleville O
Corbin, F. G	Padford N.S.
Curtis I R	Hartland N.D.
Evans D T	Hartland, N.D.
Ellia T II	Montreal, Q.
Ems, 1. H	Pembroke, O.
Esson, A. C	Halifax, N.S.
Esson, F. G	Halifax. N.S.
Haldimand, A. W	Montreal, Q.
Hamilton, H. D	Montreal. Q.
Curtis, I. B. Evans, D. J. Ellis, T. H. Esson. A. C. Esson, F. G. Haldimand, A. W. Hamilton, H. D.	Hartland, N.B Montreal, Q Pembroke, O Halifax, N.S Halifax, N.S.

	AT 1 AT D
Hayes, J., B.A	Nelson, N.B.
T 1 11 TV T	··· Coperown, O.
- · TIT (II)	· · · I emploke, O.
CD	DIUCKVIIIE, U.
NT	· · · · · · · · · · · · · · · · · · ·
T . W W	Ol. Mary 8, U.
T. 11 11 G T	Cornwan, O.
	Glen Duel, U.
35 . 0 0	· · · · Canterbury, IV.D.
25 - M W	Deechwood, O.
25 . 0	· · · · Fembroke, U.
35 E U	Carleton, U.
37 D 1d M S	Scotchtown, O.
37 T. C T	Coaticook, Q.
McKinnon, G. W	Sunnyside, P.E.I.
35 TT 1 .: D T	Willingeg, Mail.
McLellan, A. C	Indian River, P.E.I.
McManus, H. D	Fredericton, N.B.
McManus, H. D. Morphy, A. G., B.A	London, O.
Noble, C. T	Sutton. O.
Robertson, W	Chesterfield, O.
Robertson, W	Winnineg, Man.
Reid, T. J	Halifax N.S.
Ross, J	Ouebec. O
Ross, H. R.	Plantagenet O
Smith, W. D.	Purroyne ()
Telfer, W. J	Ovobos O
Thompson, F. E	Mantroal O
White, D. D	Douby N.B.
Wilson W A	Derby, N.D.
Wheeler C. T. B.A	Montreal, &.
Yorston, F. S	Truro, N.B.

The following gentlemen have fulfilled all the requirements to entitle them to the degree of M.D., C.M., from the University. In addition to the Primary subjects mentioned, they have passed a satisfactory examination, both written and oral, on the following subjects: Principles and Practice of Surgery, Theory and Practice of Medicine, Obstretrics and Diseases of Women and Children, Pharmacology and Therapeutics, Medical Jurisprudence, Pathology and Hygiene,—and also Clinical Examinations in Medicine and Surgery conducted at the bedside in the hospital:—

Baer, D. C	Summerfield, Ill.
Bell, J. H., B.A	Kars, O.
Berry, R. P	Lindsay, O.
Bradley, W. I., B.A	Ottawa, O.
Bradley, W. I., D.A	

Carter J. H. Lancaster, O.
Carter, L. II Dieter O
Castleman, A. L
Chaimois, W. W., D.A
Clouston, J. R
Conroy, C. P
Desmond, F. J
Dewar, C. P Ottawa, O.
Ferguson, W. D. T
Fritz., H. D., B.A
Goodwin, W. W
Gunne, N. D
Haentschel, C. W
Hewitt, JQuebec, Q.
Hoare, C. WStrathroy, O.
Haldimand, A. W
Hopkins, H. J
Hubbard, O. H. Gilsam, N.H.
Kennedy, J. H. Lindsay, O.
Kenney, F. L., B.ASt. John, N.B.
Kincaid, R. M
Kirkpatrick, E. A Kentville, N.S.
Lang, W. M
Metcalfe, F. T
Moffatt, R. D West Winchester, O.
Morrow, C
McDonell, AE. J., B.A
McDougall, D. S
McCarthy, J. G Sorel, Q.
McFarlane, M. A
McKinnon, G. W
McLennan, D
McMartin, D. R
Orr, A. E
Orr, J. E Mount Elgin, O.
Park, P. C
Pearman, H. V
Potts, J. McBelleville, O.
Quirk, E. L
Robertson, A. G
Stewart, A. D
Stewart, W. G., B.AArundel, Q.
Springle, J. A Montreal, Q.
Thompson, J. H
Weagant, A. A
Westley, R. ALancaster, O.

	94	
Woodruff, T. A Wylde, C. F Young, H. E B.A		Halifax, N.S. Napanee, O.
The following have	passed in Chemistry:	
Brunette, T. J. Hubert, P. H. T. Irwin, H. Jenkins, W. E.	Kemp, H. D. Mulligan, E. A. McKeown, F. O'Connor, C.	Smithson, R. H. Whyte, J. J. Woodruff, E. H.
The following have	e passed in Practical C	hemistry:
Ault, C. A. Bayne, C. W. Green, T. J. Harris, N. M. Irwin, H. Jenkins, W. E.	Kerr, N. Kemp, H. D. Lewin, A. A. McNeece, J. McLean, D. W.	Morphy, A. G. Smithson, R. H. Whyte, J. J. Williamson, H. M. Woodruff, E. H.
The following hav	e passed in Anatomy:	
Ault, C. A. Beers, A. H. Booth, J. S.	Gorrell, A. G. Harris, N. M. Mulligan, E. A.	O'Connor, C. Oliver, A. J.
The following hav	re passed in Pharmacol	ogy and Therapeutics:
Aylen, W. W. Beers, A. H. Booth, J. S. Brown, G. A. Campbell, G. G. Creasor, J. A. Delaney, W. J. England, W. S. Esson, J. G. Garrow, A. E. Holmes, A. D. Hopkins, F. A. Hubert, P. T.	Irwin, W. T. Jayet, J. A. A. Kerr, N. Low, D. Martin, J. M. Mathieson, C. S. Morehouse, O. E. Muirhead, D. A. Murray, D. A. McCurdy, T. McDonald, A. McDonald, P. A. McDonald, George.	McDonald, H. N. McGregor, J. G. McKercher, H. McKinnon, T. H. McLellan, A. M. Philp, W. S. Shanks. A. L. Smithson, R. H. Travers, J. B. Vipond, A. E. Wheeler, C. L. Whyte, J. J. Woodruff, E. H.
The following har	ve passed in Pathology	
Aylen, W. Bayne, C. W. Booth, J. S. Bradley, W. I. Brown, G. A. Campbell, G. G.	Hopkins, F. A. Hewitt, J. Hoare, C. W. Hubert, P. T. Holmes, A. D. Irwin, W. T.	McKercher, H. McLennan, A. Metcalfe, F. T. Muirhead, D. A. Morehouse, O. E. Mowat, M.

Creasor, J. A.
Chalmers, W. W.
Delaney, W. J.
Dewar, C. P.
England, W. S.
Esson, J. G.
Greene, T. J.
Gemmill, E. W.
Garrow, A. E.
Goodwin, W. W.

Kerr, N.
Kemp, H. D.
Low, D.
McDonald, A.
McDonald, G. W.
McIntosh, D. H.
McDonald, H. N.
McDonald, P. A.
MacDonnell, AE. J.
McCurdy. T.

Murray, D. A.
Mathieson, C. S.
Martin, J. M.
Philp, W. S.
Shanks, A. L.
Vipond, A. E.
Woodruff, T. A.
Whyte, J. J.
Young, H. E.

### The following have passed in Physiology:

Bayne, C.
Beers, A. H.
Berwick.
Gorrell, A. G.
Harris N M

Jenkins, W. E. Lewin, A. A. Mulligan, E. A. McKeown, F. McPhail, J. A. Patton, H. M. O'Connor, C. Oliver, A. J. Williamson, H. M. Woodruff, E. H.

# The following have passen in Medical Jurisprudence:

Aylen, W. W.
Booth, J. S.
Bradley, W. I.
Brown, G. A.
Burritt, C. H.
Campbell, G. G.
Creasor, J. A.
Delaney, W. J.
Esson, J. G.
England, W.S.
Garrow, A. E.
Gannill.
Haldimand, A. W

Hopkins, F. A.
Irwin, H.
Kerr, N.
Kemp, H. D.
Low, D.
Martin, J. M.
Mathieson, C. S.
MacGregor, J. G.
Murray, D. A.
Murhead, D. A.
Morehouse, O. E.
McKee, G. L.
McKercher, H.
McKinnon, J. H.

McKinnon, G. W. McIntosh, D. H. McLellan, A. A. McCurdy, T. McDonald, A. McDonald, Geo. McDonald, P. A. McDonald, H. N. Philp, W. S. Shanks, A. L. Smithson, R. H. Vipond, A. E. Wheeler, C. L. Whyte, J. J.

### The following have paased in Hygiene:

Berry, R. P.
Blanchard, S.
Bradley, W. I.
Cameron, J. J.
Campbell, G. G.
Coleman, A. H.
Conroy, C. P.
Dewar, C. P.
England, W. S.
Fritz, H. D.
Goodwin, W. W.

Holmes, A. D.

Hubert, P. T.

Hewetson, J.
Hoare, C. W.
Hopkins, H. J.
Hubbard, O. H.
Hughes, J. M.
Kennedy, J. H.
Kenney, F. L.
Kincaid, E. M.
Kirkpatrick, E. A.
Lang, M. W.
Liddell, Geo. L.

Morrow, C.
Mowatt, M. Mc.
Orr, A. E.
Orr, J. E.
Park, P. C.
Quirk, E. L.
Thompson, F. E.
Thompson, J. H.
Weagant, A. A.
Westley, R. A.
Wetmore, T. H.

Greene, T. J. Gumne, N. D. Haldimand, A. W. Hamilton, H. D. McFarlane, M. A. McKinnon, G. H. McLean, D. W. McMartin, R. Wheeler, C. L. Whyte, D.D. Whyte, J. J.

### The following have passed in Botany:

Alexander, W. W. Bennie, R. Bowie, R. A. Brown, W A. Busby, J. Calkin, B. H. Calkin, Barry H. Carlaw, C. M. Clark, J. Clemisha, S. C. Dewar, A. Douglass, A. E. Farwell, W. A. Grafton, E. A. Hamilton, W. F. Hartin, G.

Hattie, W. H.
Hilton, W. L.
Kee, D. N.
Keir, E. J.
Kelly, C. J.
Lovering, W. T.
Mader, A. J.
Martin, M. M. R.
Moore, A. G.
Morrow, W. S.
Mutch, P. R.
McCann.
McCrimmon, A. A.
McEown, F.
McGuire, J. C.

McWilliam.
Neill, J.
Reed, T. B.
Robertson, A. E.
Robertson, A. F.
Sparling, A. J.
Smith, C. F.
Smith, J. H.
Speir, J. R.
Troy, W.
Tunstall, J.
Watson, N. M.
Webster, R. E.
Williamson.
Wood, W. F.

### The following have passed in Histology:

Alexander, W. W. Bowie, R. A. Busby, J. Brown, W. A. Bennie, R. Beers, A. H. Booth, J. S. Brouse, J. E. Calkin, Barry H. Calkin, B. H. Clemisha, J. C. Carlaw, C. M. Clark, J. Dewar, A. Douglas, A. E. Ellis, T. H. Farwell, W. A. Fletcher, R. W. Grafton, E. A. Gorrell, A. Hattie, W. H. Hllton, W. L.

Hamilton, W. F. Hartin, G. Harrison, J. D. Hayes, J. Hughes, J. M. Holden, B. D. Kee, D. N. Kelly, C. J. Keir, E. J. Lambert, E. M. Lovering, W. T. Lewin, A. Lucas, M. F. Mader, A. J. Moore, J. M. Martin, M. M. L. Morphy, A. G. Morrow, W. S. Mutch, P. R. Moss, J. N. McCrimmon, A. A. McMillan, J. H.

McEown, F. McLean, D. W. McGuire, J. C. Neill, J. Parke, G. H. Patton, H. N. Robertson, E. A. Robertson, T. F. Ross, Harrison R. Reid, J. T. Sparling, A. J. Scanlan, H. Spier, J. R. Smith, C. F. Smith, T. H. Tunstall, A. Troy, W. Watson, N. M. Woodruff, E. H. Webster, R. E. Williamson, W. P. Williamson, H. M.

# MEDALS, PRIZES AND HONOURS.

THE HOLMES GOLD MEDAL, FOR THE BEST EXAMINATION IN ALL THE BRANCHES COMPRISED IN THE MEDICAL CURRICULUM, is awarded to Neil D. Gunne of Seaforth, Ont.

THE PRIZE FOR THE BEST EXAMINATION IN THE FINAL BRANCHES is awarded to William Grant Stewart of Arundel, Quebec.

THE PRIZE FOR THE BEST EXAMINATION IN THE PRIMARY BRANCHES is awarded to Robert Edward McKechnie, of Winnipeg, Manitoba.

THE SUTHERLAND GOLD MEDAL is awarded to Charles Peter Bissett, of River Bourgeois, Nova Scotia.

The following gentlemen, arranged in order of merit, deserve honourable mention:—

In the Primary Branches:—C. P. Bissett, E. J. Bowes, E. G. Broderick, G. L. McKee, M. W. Murray, W. E. Inksetter, A. H. Coleman, T. H. Ellis, C. T. Noble, W. A. Wilson.

In the Final Branches:—J. E. Orr, R. M. Kincaid, J. R. Springle, A. E. Orr, H. D. Fritz, H. V. Pearman, J. H. Thompson, H. E. Young, A. D. Stewart, D. McLennan, P. C. Park, O. H. Hubbard.

#### PROFESSOR'S PRIZES.

BOTANY.—W. A. Farwell, Lennoxville, Q.

ANATOMY.—Demonstrator's Prizes: 2nd year, R. E. McKechnie. 1st year, E. A. Grafton.

OBSTETRICS.—W. G. Stewart.

PATHOLOGY.-N. D. Gunne.

### SUMMER SESSION.

1888.

The Thirteenth Summer Session of the Faculty of Medicine will begin on the 9th of April, and continue twelve weeks.

The Classes are chiefly practical and demonstrative, and are designed to supplement and extend the teaching of the regular Winter Session.

The attention of Students of this University, who intend to present themselves for the examination for the degree of M.D. in 1889, is particularly directed to the regulations instituted in 1884, making the third summer session compulsory.

In future, the regular University lectures on *Hygiene* will be delivered only during the summer sessions.

Students from other schools are received on the same terms as, and have all the advantages of, regular students.

The special advantages of attendance upon a Summer Session are:—

- (1) The benefit derived from the practical and demonstrative classes.
- (2) Dresserships and Clinical Clerkships are more easily obtained at the Hospitals, and the student has more time at his disposal to follow up the cases.
- (3) Cases of Midwifery are obtained in greater number at the Montreal Maternity.
- (4) Systematic study can be carried on more effectively than at home.
- (5) The regular courses on Hygiene and Practical Chemistry can be attended.

The advantages offered by the City of Montreal for the practical study of Medicine and Surgery are unequalled in the Dominion.

In the wards of the General Hospital there is always—and more particularly in the summer months, when navigation is opened—a large collection of interesting medical and surgical cases. In the Out-door Department there is a daily attendance of between 90 and

100 patients, which affords excellent instruction in general medical and surgical practice. In addition there are special clinics in the following different departments: 1. Eye and ear; 2. Nose and throat; 3. Diseases of children; 4. Diseases of the nervous system; 5. Diseases of women.

At the Montreal Dispensary, in addition to general Medical instruction, there is a Gynæcological Clinic.

The Faculty has much pleasure in announcing the following prospectus:—

# I.-CLINICAL INSTRUCTION,

Which will comprise :-

	TO AND THE PARTY OF THE PARTY O
A.—Bedside Instruction—	
Surgery	Dr. Fenwick and Dr. Shepherd.
MEDICINE	Dr. Wilkins and Dr. R. L. MacDonnell.
B.—Weekly Clinics, in the Theatre of the General	al Hospital, on—
1. General Surgery }	Drs. Fenwick, Roddick,
2. General Medicine §	Drs. Ross, Wilkins, and
3. GYNÆCOLOGY	Dr. Gardner.
T. DISEASES OF THE EVE AND HAD	
5. DISEASES OF THE NOSE AND THROAT. 6. DISEASES OF CHILDREN	Dr. Major.
/ VENEREAL DISTARTS	n
O. DISEASE OF THE NERVOUS SYSTEM	D., 64-
J. DISEASES OF THE SKIN	D GY
10. ORTHOPÆDICS	Dw Deday
11. Medical Diagnosis	
D.—Out-Patient Clinics—1. At the General Hosp	ital—
a. General Medicine and Surgery	
0. "GYNÆCOLOGY	w Clauder
C. "DISEASES OF EYE AND EAR	. D-11-
a. DISEASES OF THROAT AND NOSE	W W
e. DISEASES OF CHILDREN	m Dlasked
J. DISEASES OF THE NERVOUS SYSTEMD	r. Stewart.
3. At the Montreal Dispensary—	
A. MEDICINE	bu Stoward
B. Gynæcology	r. Alloway.
E.—Clinical Instruction in Obstetrics—	
At the Montreal Maternity—	
1. THE MANAGEMENT OF CASES OF	us Comovon and C
1. The Management of Cases of Labór	Cameron and C. E.

<sup>\*</sup> A limited number of students will attend in rotation.

### II -PRACTICAL CLASSES.

IIPRACTICAL CLASSES.
†2. Practical Chemistry.—Same as, and may be taken in lieu of, the Winter Course. Fee, \$15.00
†3. Operative Surgery.—A complete course of operations on the cadaver, including Amputations, Excisions, Ligations, &c. The students perform the operations in rotation. Fee, \$5.00.
4. Obstetrical Presentations and Opera- tions.—A series of practical demonstra- tions on the cadaver or phantom
5. Deformed Pelves.—A series of demonstrations illustrating the influence of deformity of the Pelvis upon Labor
†6. Clinical Microscopy.—Microscopes, Reagents and Material provided
†7. Operative Ophthalmology. — This will consist in a series of demonstrations on the methods of performing the usual eye operations. Fee, \$2.00
8. Anomalies of Refraction and Accommodation.—A course of four demonstations, giving practical illustrations of the methods of recognising and treating these conditions
9. Practical Ophthalmoscopy.—To consist of a series of demonstrations and practical exercises in the use of the Ophthalmoscope
10. Laryngoscopy and Rhinoscopy. — A course of demonstrations and exercises in the use of the Laryngoscope and Rhinoscope
11. Electro-Therapeutics.—Students will be practically trained in the method of using the different forms of electricity in the treatment of disease
12. Applied Anatomy—Medical and Surgical. — Surface-marking, Brain and Spinal Cord, Larynx, Thorax, Abdomen, Genito-Urinary Organs, Surgical Spaces
13. Minor Surgery.—Including Bandaging, Application of Splints, Hæmostatics, Catheterism, Artificial Respiration, &c.

14. Clinical Chemistry.—A course of twelve demonstrations, designed to familiarise students with the more recent and approved methods of examining chemically, abnormal secretions, morbid products, &c., at the bedside.....

Dr. Ruttan.

15. Morbid Anatomy.—Consisting of systematic demonstrations upon post-mortem methods and pathological anatomy in the section-room of the General Hospital. Students will make the post- Dr. Johnston. mortems in rotation, and receive instruction in the method of performing them, and keeping record of their observations.....

16. Practical Materia Medica.—A fee sufficient to cover the cost of material will Dr. Stewart. be charged for this course.....

17. Heredity.—A course of 8—12 lectures on the Laws of Heredity in Health and Dr. Mills. Disease ....

All students desirous of attending the above courses are expected to register their names with the Registrar, within one week after the beginning of the Session, and to pay a fee of \$25 (which includes registration fee). Enregistration and payment of the fee are compulsory upon all students, whether attending one or more of the classes.

+ The fee for this class is not included in the above fee of \$25 for the Summer Session.

#### SESSION 1887-88.

### STUDENTS IN MEDICINE.

Addy, G. A. B., St. John, N.B. Alexander, W. W., Stanhope, P.E.I. Anderson, A., Montreal, Q. Ault, C. A., Oshkosh, Wis. Aylen, W. W., Aylmer, Q.

Baer, D. C., Summerfield, Ill.
Bayne, C. W., Merivale, O.
Beaman, W. H., Montreal, Q.
Bell, J. H., Kars, O.
Bennie, R., Riverfield, Q.
Berry, R. P., Lindsay, O.
Beers, A. H., Montreal, Q.
Beers, A. H., Montreal, Q.
Bewick, R. H., Farnham, Q,
Bissett, C. P., River Bourgeois, N.S.
Blanchard, S., St. Ann's, Q.
Bowte, E., J., Ottawa, O.
Bowie, R. A., Brockville, O.
Bradley, W. I., Ottawa, O.
Broderick, E. J., Fredericton, N.B.
Brouse, J. E., Brockville, O.
Brown, W. A., Chesterville, O.
Brown, G. A., Charlottetown, EP.I.
Burnette, J. T., Cornwall,
Burritt, C. H., Mitchell, O.
Busby, J., Pontviews, O.

Calkin,
Calkin, C. B., Kentville, N.S.
Cameron, J. J., Laneaster, O.
Campbell, G. G., Truro, N.S.
Carbin, F. G., Bedford, N.S.
Carlaw, C. M., Warkworth, O.
Caster, L. H., Belleville, O.
Castelman, A. L., East Williamsburg, O.
Clarken, J. Troy, O.
Clarke, J. W., Tatamagouche, N.S.
Clemesha, J. C., Port Hope, O.
Clouston, J. R., Maple Hill, Q.
Clune, P. J., Warkworth, O.
Coleman, A. H., Belleville O.
Connolly, A. J., Lennoxville, Q.
Corroy, C. P., Martintown, O.
Creasor, J. A., Owen Sound, O.
Curtis, I. B., Hartland, N.B.

Davis, A. H., Glen Buel, O. Delaney, W. J., Peterboro', O. Desmond, F. J., Newcastle, N.B. Dewar, A., Ormond, O. Dewar, C. P., Ottawa, O. Douglas, A. E., Hillsboro', P.E.I. Ellard, J., New Westminster, B.C. Ellis, T. H., Pembroke, O. England, W. S., Dunham, Q. Esson, A. C., Halifax, N.S. Esson, F. G., Halifax, N.S. Evans, D. J., Montreal, Q.

Farwell, W. A., Lennoville, Q. Ferguson, W. D., Cumberland, O. Fletcher, R. W., Londonderry, N.S. Fritz, H. D., St. John, N.B. Fulton, J. A., Franklin Centre, O. Fulton, C., Avonmore, O.

Garrow, A. E., Ottawa, O. Gemmill, E. W., Almonte, Q. Grafton, E. A., Montreal, Q. Green, T. J., Appleton, O. Goodwin, W. W., Baie Verte, N.B. Gorrell, A. G., Brockville, O. Guerin, J. M., Montreal, Q. Gunne, N. D., Seaforth, O.

Haentschel, C. W., Pembroke, Q.
Hall, M. K., Franklin Centre, Q.
Haldimand, A. W., Montreal, Q.
Hamilton, H. D., Montreal, Q.
Hamilton, W. F., Sackville, N.B.
Harris, N. M., Ormstown, Q.
Harrison, J. D., Fredericton, N.B.
Hartin, G., Twin Elm, O.
Hattie, W. H., New Glasgow, N.S.
Hayes, J., Nelson, N.B.
Henwood, J. M., Hamilton, O.
Hewetson, J., Riverside, Cal.
Hewitt, J., Quebec, Q.
Hickey, W. H., Morrisburg, O.
Hitton, W. L., Montreal, Q.
Holden, D. B., Montreal, Q.
Holmes, A. D., Chatham, O.
Hopkins, F. A., Cookshire, Q.
Hopkins, F. A., Cookshire, Q.
Hubbard, O. H., Gilsam, N.H.
Hubert, P. T., Harbor Breton, Nfid.
Hughes, J. M., Chesterville, O.

Ibbotson, F. A., Montreal, Q. Inksetter, W. E., Copetown, O. Internoscia, A., Montreal, Q. Irwin, H., Pembroke, O. Irwin, W. T., Pembroke, O. Jayet, A. A. Montreal, Q. Jenkins, H. E., Conquerell, N.S. Jento, C. P., Belleville, O.

Kee, D. N., Fordyce, O.
Keir, E. J., Princeton, P.E.I.
Kelley, C. J., West Flamborough, O.
Kemp, H. D., Montreal, Q.
Kent, H. V., Truro, N.S.
Kenney, F. L., St. John, N.B.
Kennedy, J. H., Lindsay, O.
Kerr, N., Holyrood, O.
Kerr, N., Holyrood, O.
Kincaid, R. M., Clarenceville, Q.
Kincaid, R. M., Clarenceville, N.S.
Kyle, J. N., North Winchester, O.

Lambert, E. M., Ottawa, O.
Lang, M. F., St. Marys, O.
Lewin, A. A., St. John, N.B.
Liddell, G. L., Cornwall, O.
Long, C. H., Keswick Ridge, N.B.
Lovering, W. T., Northfield, Minn.
Low, D., Palmerslon, O.
Lucas, M., Montreat, Q.

Low, D., Falmerston, O.

Lucas, M., Montreat, Q.

Mader, A. J., New Canada, N.S.
Main, C. G., Canterbury, N.B.
Martin, M. McL., Brown's Creek, P.E.I.
Mathieson, C. S., Harrington, P.E.I.
Mathieson, C. S., Harrington, P.E.I.
Metcalfe, F. T., Buffalo, N.Y.
Mill, J., Aylmer, Q.
Moffat, R. D., Walkerton, O.
Morehouse, O. E., Gibson, N.B.
Moore, J. M., Belleville, O.
Morphy, A. G., London, O.
Morris, O., Pembroke, O.
Morrow, C., Russell, O.
Moss, J. N., Carleton, O.
Mowat, M. M., Williamstown, O.
Muirhead, D. A., Carleton, O.
Mulligan, E. A., Avluner, Q.
Murray, D. A., Back Meadows, N.S.
Murray, M. W., Beachwood, O.
Mutch, P. R., St. Johns, N.B.
Medadam, D., N.S.-E. Bay, N.S.
McCarthy, J. Gr., Sorel, Q.
McCann, E., Smith's Falls, O.
McDonald, J., Kincardine, O.
McDonald, M. S., Scotchtown, O.
McDonald, H. N., Loggan, O.
McDonald, G., Renfrew, O.
McDonald, G., Renfrew, O.
McDonald, P. A., Alexandria, O.
McDonald, P. A., Richmond, Q.
McGergor, J. G., Martintown, O.
McGrann, G. F., Richmond, Q.
McGrann, G. F., Richmond, Q.
McGrann, G. W., Sunnyside, P. E. I.
McKinnon, T. H., Lockport, N.S.
McKennon, T. H., Lockport, N.S.
McLennan, D., Dunvegan, O.

McLellan, A., Indian River, P.E.I. McLellan, A. A., Summerside, P.E.I. McManus, H. D., Fredericton, N.B. McMartin, D. R., Martintown, O. McMillan, J. H., Pictou, N.S. McNeece, J., Brampton, O. McPhail, J. A., Orwell, P.E.I.

Noble, C T., Sutton, O.

O'Connor, C., Worcester, Mass. Oliver, A. J., Cowansville, Q. Orr, J. E., Mount Elgin, O. Orr, A. E., Cookshire, Q.

Palmer, P. E., Riverside, N.B. Park, G. H., Quebec, Q. Park, P. C., Durham, Q. Patto, H. M., Winnipeg, Man. Pearman, H. V., Halifax, N.S. Philp, W. S., Montreal, Q. Potts, J. M., Belleville, O.

Quirk, E. L., Aylmer, Q,

Reed, T. B., Montreal, Q.
Reid, J. T., Montreal, Q.
Richards, S., Ottawa, O.
Robertson, T. F., Brockville, O.
Robertson, W., Chesterfield, O.
Robertson, E. A., Lennoxville, Q.
Robertson, A. G., Iroquois, O.
Rost, J., Halifax, N.S.
Ross, H. R., Queocc, Q.

Saphir, E. J., Jerusalem, H.L. Shanks, A. L., Huntingdon, Q. Smith, T. H., North Sidney, C.B. Smith, W. D., Plantagenet, O. Smith, C. F., West Winchester, O. Smith, A. G., St. Marys, O. Smithson, R. H., Stillwater, Minn. Sparling, A. J., Pembroke, O. Spier, J. R., Lindsay, O. Spier, J. A., Montral, Q. Stewart, W. G., Arundel, Q. Stewart, A. D., Arandel, Q. Stewart, A. D., Arandel, Q.

Tackaberry, E. G., Brockyille, O. Telfer, W. J., Burgoyne, O. Thompson, J. H., Gaaanoque, O. Thompson, F. E., Quebec, Q. Travers, J. B., St. John, N.B. Treadwell, S. B., St. John, N.B. Troy, W., Fallowfield, O. Tunstall, A., Montreal, Q.

Vipond, A. G., Montreal, Q.

Watson, N. M., Williamstown, O. Wengant, A.A., Hosaie, O. Webster, R. E., Brockville, O. Webster, R. E., Brockville, O. Weeks, C. M., Newport, N.S. Westley, R. A., Lanc, ster, O. Wetmore, F. H., Bloomfield, N.B. Wheeler, C. L., Montreal, Q. White, D. D., Montreal, Q. White, D. D., Montreal, Q. White, J. J., Lancaster, O. Wilson, W. A., Derby, N.B. Williamson, H. M., Guelph, O. Williamson, W. P., Chatham, O. Wood, W. F., Madoc, O. Woodruff, E. H., St. Catherines, O. Woodruff, T. A., St. Catherine, O. Wylde, C. F., Halitax, N.S.

Yorston, F. S., Truro, N.S. Young, H. E., Napanee, O.

### XIX.

# LIST OF PRIZE MEN AND MEDALLISTS IN THE MEDICAL FACULTY.

In 1855 the examinations were divided into Primary and Final, and prizes were established for the best Thesis and for the best Examination in the Primary and Final branches.

In 1865 the Holmes Gold Medal was established in honour of Dr. Holmes, and is given for the best examination in both Primary and Final branches.

The following is the List with the present addresses of the recipients:—

- 1854. FOR GENERAL PROFICIENCY.—1st Prize—Robt. Craik, Montreal.

  2nd Prize—Thomas Simpson, Montreal.
- 1855. Thesis.—James McG. Stevenson, Bryanston, Ont.

  Final Examination.—James McG. Stevenson, Bryanston, Ont.

  Primary Examination.—Walter J. Henry.\*
- 1856. Thesis.—Walter James Henry,\* and W. J. Jones, Prescott, O.

  Final Examination.—E. Laberge.\*

  Primary Examination.—Levi R. Church, Montreal, Q.
- 1857. Thesis.—Levi R. Church, Montreal, and D. T. Robertson, Lennox-ville, Q.

  Final Examination.—Levi R. Church, Montreal, Q.

  Primary Examination.James Kerr.\*
- 1858. Thesis.—Timothy F. English\* and W. F. Taylor, Peterboro, O.

  Final Examination.—Wm. Harkin.\*

  Primary Examination.—Wm. Harkin.\*
- 1859. Thesis.—Edward W. Smith.\*

  Final Examination.—James J. O'Dea, Stapleton, Staten Island,

  New York.

  Primary Examination.—Henry Warren.\*

- Thesis.—J. W. Pickup, Brockville, O. Final Examination .- Henry Warren.\* Primary Examination.-Joseph M. Drake,\* Montreal, Q., and Fred. Sutherland.\*
- 1961 Thesis-Joseph M. Drake,\* Montreal; F. J. Austin, Sherbrooke, Q., and D. L. Philip, Brantford, O. Final Examination. - Joseph M. Drake, \* Montreal, Q. Primary Examination.—Thomas C. Walton, Inspector, U.S. Navy.
- 1862. Thesis.—R. M. Bucke, London, O. Final Examination.—John A Stewart.\* Primary Examination.-John J. Marston, U.S. Army.
- THESIS.—Wm. C. Gustin, Detroit, Mich. 1863. Final Examination. - J. J. Marston, U. S. Army. Primary Examination.—R. A. Kennedy, Montreal, Q., and Peter A. McDougall, Ottawa, and C. F. Bullen.\*
- 1864. Thesis.—W. W. Squire.\* Final Examination. - D. Howard Harrison, Winnipeg. Primary Examination.—Kenneth Reid,\* New York.
- Holmes Gold Medal.—E. P. Hurd, Newburyport, Mass. Final Examination.-H. L. Vercoe.\* Primary Examination. - George Ross, Montreal, and W. Gardner, Montreal.
- 1866. Holmes Medallist.—George Ross, M.A., Montreal, Q. Final Examination.—William Gardner, Montreal, Q. Primary Examination.—Clinton W. Kelly, Louisville, Ky.
- 1867. Holmes Medallist.—Clinton W. Kelly, Louisville, Ky. Final Examination.—C. W. Kelly, Louisville, Ky. Primary Examination. - Wm. Henry Patterson.
- Holmes Medallist.-T. G. Roddick, Montreal, Q. Final Examination.—T. G. Roddick, Montreal, Q. Primary Examination.—Andrew Harkness, Lancaster, O.
- 1869. Holmes Medallist.—T. D. Lucas.\* Final Examination.—Andrew Harkness, Lancaster, (). Primary Examination.—Alexander A. Henderson, Ottawa, O.
- 1870. Holmes Medallist.—A. A. Henderson, Ottawa, O. Final Examination .- O. H. E. Clarke, St. Louis, Mo. Primary Examination.-J. H. Mathieson, St. Mary's, O.

- 1871. Holmes Medallist.—J. H. Mathieson, St. Mary's, O.

  Final Examination.—H. P. Wright, Ottawa, O.

  Primary Examination.—Thomas Kelly, Omaha.
- 1872. Holmes Medallist.—Hamilton Allan, Oconto, Wis.

  Final Examination.—G. A. Starke, Milwaukee.

  Primary Examination.—F. J. Shepherd, Montreal,

  Special Prize for Thesis.—W. Osler, Philadelphia.
- 1873. Holmes Medallist.—Thomas Kelly, Omaha.

  Final Examination.—D. A. Alguire, Cornwall, Ont.

  Primary Examination.—J. D. Cline, B.A.\*
- 1874. Holmes Medallist.—J. D. Cline, B.A.\*

  Final Examination.—J. C. Cameron, Montreal.

  Primary Examination.—Simon J. Tunstall, B.A., Lytton, B.C.
- 1875. Holmes Medallist.—S. J. Tunstall, B.A., Lytton, B.C.

  Final Examination.—J. B. Benson, Chatham, N.B.

  Primary Examination.—C. H. Murray, B.A.\*; R. H. W. Powell,

  Ottawa, O.
- 1876. Holmes Medallist.—Robt. H. W. Powell, Ottawa, O.

  Final Examination.—Chas. H. Murray, B.A.\*

  Primary Examination.—Alex. C. Frazer, Manitowoc, Wis.

  Special Prize for Thesis.—R. L. MacDonnell, B.A., Montreal.
- 1877. Holmes Medallist.—James Bell, Montreal, Q.
  Final Examination.—W. D. Oakley, Streetsville, O.
  Primary Examination.—H. N. Vineberg, New York.
- 1878. Holmes Medallist.—H. N. Vineberg, New York.

  Final Examination.—T. W. Mills, M. A., Montreal.

  Primary Examination.—W. R. Sutherland, Montreal.

  Sutherland Gold Medal.—J. M. Lefebvre, Brockville, O.
- 1879. Holmes Medallist.—J. B. Lawford, London, Eng.

  Final Examination.—A. W. Imrie, Detroit.

  Primary Examination.—J. A. McDonald, Montreal.

  Sutherland Gold Medal.—W. L. Grey, Pembroke, O.
- 1880. Holmes Medallist.—J. A. McDonald, Montreal.

  Final Examination.—H. B. Small, Ottawa.

  Primary Examination.—James Ross, B.A., Dundas, O.

  Sutherland Gold Medal.—H. W. Thornton, B.A., Montreal.

- 1881. Holmes Medallist.—James Ross, B.A., Dundas, O.

  Final Examination.—John W. Ross, Cohoes, N. Y.

  Primary Examination.—R. J. B. Howard, B.A., Montreal.

  Sutherland Gold Medal.—C. E. Cameron, Montreal.
- 1882. Holmes Medallist.—R. J. B. Howard, B.A., Montreal, Q.

  Final Examination.—Henry V. Ogden, B.A., Milwaukee, Wis.

  Primary Examination.—George A. Graham, Hamilton, O.

  Sutherland Gold Medal.—Wyatt G. Johnston, Montreal, Q.

  Morrice Scholar.—Wyatt G. Johnston, Montreal, Q.
- 1883. Holmes Medallist.—C. E. Cameron, Montreal.

  Final Examination.—J. B. Loring, Sherbrooke, Q.

  Primary Examination.—Ed. G. Wood, Mitchell, O.

  SUTHERLAND GOLD MEDAL.—R. F. Ruttan, B.A., Montreal, Q.

  Morrice Scholar.—R. F. Ruttan, B.A., Montreal, Q.
- 1884. Holmes Medallist.—Wm. A. Ferguson, Bathurst, N.B.

  Final Examination.—James P. McInerney, Kingston, N.B.

  Primary Examination.—Smith Gustin, Bay City, Mich.

  Sutherland Medal.—John Elder, B.A., Huntingdon, Q.
- 1885. Holmes Medallist.—Edwin G. Wood, Mitchell, O.

  Final Examination.—Smith Gustin, Bay City, Mich.

  Primary Examination.—Ed. J. Evans, Seaforth, Ont.

  Sutherland Medal.—H. A. Lafleur, Montreal, Q.
- 1886. Holmes Medallist.—Herbert S. Birkett, Montreal, Q.
  Final Examination.—Walter W. White, M.A., St. John, N.B.
  Primary Examination.—Walter I. Bradley, Ottawa.
  Sutherland Medal.—Walter I. Bradley, Ottawa.
- 1887. Holmes Medallist.—Ed. Evans, Seaforth, O.

  Final Examination.—Henri A. Lafleur, B.A., Montreal.

  Primary Examination.—A. E. Garrow, Ottawa.

  Sutherland Medal.—John Creasor, Owen Sound, O.
- 1888. Holmes Medallist.—N. D. Gunne, Seaforth, O.

  Final Examination.—W. G. Stewart, Arundel, Q.

  Primàry Examination.—R. E. McKechnie, Winnipeg.

  Sutherland Medal.—C. W. Bissett, River Bourgeois, N.S.

<sup>\*</sup> Deceased.

# HOW TO BECOME A REGISTERED PRACTITIONER.

The possession of an M.D. degree does not entitle the holder to practice. He must be registered. In the Provinces of the Dominion, with the exception of Ontario, the possession of a Degree in Medicine from a recognized University entitles the holder to register. In Quebec, graduates of the Universities of the province must appear in person at the May or September meeting of the Board, and present and swear to their diplomas. Registration is granted only at these periods. It is optional with the Board whether the holder of a degree from a Canadian University outside the Province of Quebec can register without further examination. In some cases the examination has been enforced. In Ontario, unless a registered practitioner of Great Britain, the examination of the College of Physicians and Surgeons of the province must be passed before registration. The examination is held every spring. In Nova Scotia, New Brunswick, Manitoba and British Columbia the provincial boards accept the degrees of Canadian Universities without examination. Prince Edward Island has as yet no Medical Board. In most of the West India Islands a certificate of registration in one of the Provinces of the Dominion entitles the holder to practice.

In the *United States*, holders of Canadian degrees in medicine can practice without additional examination or study. In many of the States, Medical Boards now exist similar to those in our Provinces, and the degree must be registered before a license to practice can be obtained. The custom varies in different States.

In *Great Britain*, colonial or foreign degrees are not registerable, except in the case of the University of Melbourne, and of holders of colonial degrees prior to 1850. To enable a colonial graduate to register, the examination of one of the numerous Licensing Boards must be passed.

A Graduate in Medicine of an American College, in order to register in any of the Provinces in the Dominion, must, (a) unless the holder of an Academical Degree, pass the Matriculation examination of the provincial Board; (b) attend some one of the Medical Schools in order to complete the curriculum (four years) required by the Boards, and (c) pass the professional examinations.

## DOCTORS IN MEDICINE.

Aborn, W. H Addison, Jas. L., *Adsetts, John, Alexander, Rofert A., Allard, Henry, †Allan, Hamilton, Allan, J. H. B., Allen, C. E.  Stearn's Co., Minn St. Gerge O Stearns Co., Minn Alcarnate A., Cornwall, O Cornwall, O Belocit. Q Oconto, Wis Montreal Swanton. Vt	1887
Addison, Jas. L., St. George O	1884
Adsetts, John, Stearns Co., Minn	1866
Alguire Duncan O	1871
Allard, Henry, Cornwall, O	1873
†Allan, Hamilton, Oconto Wis	1800
Allan, J. H. B., Montreal	1885
Alleway The Swanton, Vt	1883
Alexander, Rot ert A., Alguire, Duncan O., Allard, Henry, Tallan, Hamilton, Allan, J. H. B., Allen, C. E. Alloway, Thomas Johnson, Montreal Anderso., John C.,	1869
Anderson, Alex., Med. Dept. Indian	1865
Avenue	1866
	1869
Ardagh, Johnson, Orillia, O	1869
Archer, Ths., Ardagh, Johnson, Armitage, J. H., Armstrong Cho, Armstrong Cho,	1886
*Armstrong, Geo. E., Montreal	1877 1847
Arthur, R. H., Chapleau, O	1847
Atkinson, Robert,	1862
Ault, Charles, Montreal	1855
Ault Alames F.,	1855
Ault Edwin D	1860
Austin, Fred, John Sharbrooks, O.	1868 1862
Ault, Alexander, Ault, Edwin D., Austin, Fred. John, Ayer, M.A., Aylen, Lohn, Aylen, Lohn, Sackville, N.B.	1880
Aylen, John, Aylmer, Q	1857
Aylen, James, Aylen, P., Battleford, N. W.T	1863
Ardagh, Johnson, Armitage, J. H., Armstrong, Geo. E., *Arnoldi, Daniel (Hon.), Arthur, R. H., Atkinson, Robert, Ault, Charles, *Ault, James F., Ault, Alexander, Ault, Edwin D., Austin, Fred. John, Ayen, John, Aylen, John, Aylen, James, Aylen, John, Aylen, P., Battleford, N. W. T.	1886
Backhouse, J. B., Braidwood, Ill Baer, D. C., Summerfield, Ill Bain, D. S. F. Stoff Summerfield, Ill	1870
Baer, D. C., Summerfield III	1888
Bain, D. S. E., Staff Surgeon Mai.	1868
Bain, Hugh U., Prince Albert, Man	1874
Baird T A P. Pakenham, O	1870
Baker, Albert Bay City, Mich	1885
Darclay George Daniel III O	1848 1870
*Barnston, James (ad. eun.),	1856
Barrett. Jos. A., Fenaghvale, O	1881
Bayros Casa Arles, Port Dover O	1861
Baynes Donald M A Montreal, Q	1859 1876
Beatty, D., Richmond Carlt Co. O.	1862
*Beaudette, Alfred	1865
Beaudry, Louis B., St. Césaire. Q	1871
*Barnston, James (ad. eun.), Barrett. Jos. A., Bendynes, Geo. Aylmer, Baynes, Geo. Aylmer, Baynes, Donald, M. A., Beatty, D Richmond, Carlt. Co., O  *Beaudette, Alfred Beaudry, Louis B., Beckstead, M.,  *Rell Labo, M. Law. Co., N.Y.  *Rell Labo, M. Law. Co., N.Y.	
*Bell. John, M.A., Bell, Robert W., fBell, James. Bell, J. H., B.A., Belleau, Alfred, *Bergin, Joseph, Bergin, Darby, Bell John, M.A., Law. Co., N.Y. Peterboro, O Mo treal Ottawa Montreal, Q Quebec  Cornwall O	1878 1866
Bell, Robert W., Peterboro, O	1873
tBell, James. Mostreal	1877
Bell, Robert, C.E., Ottawa	1878
Bellean Alfred Montreal, Q	1 83
*Bergeron Joseph Quebec	1862
Bergin, Darby, Cornwell O 1	1870
Berry, J. A., Seeley's Bay, O	1887
Berry, R. P., Lindsay, O 1	888
Bender Brand E., Toronto, O 1	863
Benson Joseph P	865
*Bibaud. Jean G. Chatham, N. B.	875 843
	886
Blackader, Alex. D., B A., Montreal 1	371
Blacklock Lab. T., B.A., Montreal 1	887
*Blanchet, John J., Chesterville, O 1	851
Blair, Robt, C., Three Rivers O. 1	863
*Bligh, John W., Three Rivers, Q 1	865
Boggart, Irvine D., Mene. 0 1	859
Boggs, G. W., *Bomberry, G. F. Parsboro, N S 1	886
Blacklock, John J.,  *Blanchet, J. B.,  Blair, Robt. C.,  *Bigh, John W.,  Bogart, Irvine D.,  Boggs, G. W.,  *Bomberry, Geo. E.,	875

Bonesteel, S. A., Colombus, Neb 1881 Boone, S. W., B A., Fredericton, N B 1887 Boulter, Geo. H., Stirling, O 1852 Bowser, J. C. Kingston, N. B 1883 Boulter, Geo. H.,
Bowser, J. C.,
Boyle, Albert D.,
Bowen, W., B.A.,
Boyle, Albert D.,
Bowen, W., B.A.,
Bowen, W., B.A.,
Bower, Slas J.,
Bowen, W., B.A.,
Bradley, W. H., B.A.,
Brandon, John,
Brandon, John,
Ancaster, O 1887 1860 1887 1865 1889 \*Braithwaite, Francis H., 1863
Brandon, John, Breslin, William I., 46th Regiment 1847
Brigham, Josiah S., Brissette, Henry R., \*Bristol, Amos S., Brodeur, Alphonse, Brodeur, Alphonse, Brodeur, Alphonse, Honolulu, Sdw It al 1877
Brooks, Samuel T., St. Johnsbury, Vt 1852
\*Brouse, William H., Brockville, 0 1861
Brown, Peter E., Ste. Anne de Bellevue, Q 1863 vue, Q 1863 Brown, Harry, 405 W. Washington St., Chicago Plattsville, O Brown, J. L.,
Browne, Thos. L.,
Browne, Chs. O.,
Browne, Arthur A.,
Browne, Arthur A.,
Browne, Addubbe. 1879 1881 Browne, Arthur A., B. A., Montreal 1872
Bruneau, Adolphe,

\*Bauneau, Oliver T. (Hon.),

\*Bauneau, Oliver T. (Hon.),

\*Bryson, William G., Fenelon Falls, 0 1867

\*Bucke, Edward H.,

Bucke, Richard Maurice,

\*Buckle, John M. C.,

Buckle, John M. C.,

Bulle, George J.,

\*Bullen, Charles F.,

Bullen, Frank,

Burland, John H.,

Burland, William B.,

Burch, B. F., Walla Walla, Wash. Ter 1866

\*Burland, William B.,

Burland, Samuel C.,

Burland, Samuel C.,

Burland, Benj. W., Mineville, N. Y. 1882

Burrows, F. N.,

Burrows, F. N.,

Burns, Alfred J.,

Burris, Alfred J.,

Burris, Alfred J.,

Burler, George C.,

Batter, George C.,

Butter, Billa F.,

\*Buxton, John N.,

Cahalan, James,

Wyandotte, Mich 1889

Cahalan, James,

Wyandotte, Mich 1889 Wyandotte, Mich 1880
Montreal 1874
H., Portland, Ore 1877
Norway, Mich 1878
Alexandria, O 1881
Montreal 1883
Alpena, Mich 1885
Montreal 1887
Langaster O 1888 Cahalan, James, Cameron, James C., Cameron, Duncan H., Cameron, John D., Cameron, Paul, Cameron, Paul,
†Cameron, Chas. E.,
Cameron, D. A.,
Cameron, K., B.A.,
Cameron, J. J.
\*Campbell, G. W., M. M., (ad eun),
\*Campbell, Donald Peter, Lancaster, 0 1888

Campbell, A. W., Montreal, Q 1886 Campbell, Francis Wayland, Montreal 1860 \*Campbell, Samuel, Seaforth, O 1869 Campbell, J., Monee Pond. Australia 1876 Campbell, Lorne, Almonte, Q 1882 Cannon, Gilbert, Carmichall, A Mey Heev Sow Copelend, Wm. L., 719 W. Washing-ton st., Chicago, Ill 1872 \*Corbett, A. P. M., Corbett, Wm. H., Brig. Surg. Army Med. Dept 1854 St. Thomas, O 1860 St. Thomas, O 1881 Corlis, Josiah
Cormack, Wm.,
\*Corsan, John
Corsan, Douglas,
Cotton, C. L.,
Cousins, W. C.,
Cowie, A. M.,
\*Cowley, Thomas McJ.,
Cox, Frank
Cox, Frank
Coyle, Henry W.,
Craig, Thornton,
Craig, M. A.,
Craik, Robert,
Cram, Daniel C.,
Capay, Cal
Craik, Robert,
Cram, Daniel C.,
Lawrence, Kan
\*Crawford, James (ad eun), Cannon, Gilbert, Carmichael, D. A., Mar. Hosp. Serv., Cairo, Ill 1873 1835 Carey, Augur, D.L (ad eun)., 1864 Carman Philip E., Detroit, Mich 1879 Cassidy, David M., Med. Supt. County Ottawa, O 1882 Montreal, Q 1887 Asylum, Lancaster, Eng Goldstone, O 1885 Cassidy, Geo. A., Cassidy, John F., \*Carroll, Robert W. W., Goderich, O Carruthers, Geo,, Carson, J. H., Montreal, Q 1883 Lake Park, Minn 1881 Carron, J. H.,

\*Carson, Augustus
Carter, Samuel A.,
Case, W. Hermanus. Hamitton, 0 1879
Casgrain, Chas. E., Hon. Windsor, 0 1851
Castleman, A. L., E. Williamsburg, 0 1888
Cattanach, Andrew J., Denver, Col 1871
Cattanach, A. M., Dalhousie Mills, 0 1882
Cattanach, W. S., Glen Water, 0 1886
Chagnon, V. G. B., Fall River, Mass 1861
Chalmers, W. W., B. A., Magog, Q. 1888
Chaliner, Francis
Cherry, William,

\*Chesley, George Ashbold
Chevalier, Gustave

Bedford, Q. 1860
Chevalier, Gustave

Bedford, Q. 1860
Chevalier, Gustave

Bedford, Q. 1860 1854 Lawrence, Kan 1872 \*Crawford, James (ad eun), 1854 Crichten, Stuart, Sonora, Cal 1865 Crocket, W. C., B.A., Fredericton, Fredericton, N.B Crothers, William, Stanbr.

\*Culvers, Joseph B.,

\*Cunninghame, W. C. Thurlow,
Cutter, Frederick A., Stanbridge, Q Sutton, Q 1873 Daly, Guy D. F.,
Daly, Walter S.,
Pansereau, Charles,
Dansereau, Charles,
Darey, J. H.,
Davies, Thomas B.,
Davignon, F. F.,
Dawson, R., B.A.,
Dearden, G. A.,
Dearden, G. A.,
Deboucherville, Charles D.,
Decolles, Charles D.,
Decow D. McG.,
Derby, W. J.,
Poessulniers, Antoine A.,
Dessealniers, Antoine A.,
Dessealniers, Antoine A.,
Dessealniers, Carles S., Quebec, Q.
Striling, O.
Poessulniers, Antoine A.,
Dessealniers, Antoine A.,
Dessealniers, Carles B.,
Dessealniers, Antoine A.,
Dessealniers, Antoine A.,
Dessealniers, Antoine A.,
Dessealniers, Carles B.,
Dessealniers, Carles B.,
Dessealniers, Antoine A.,
Dessealniers, Antoine A.,
Dessealniers, Carles B.,
Dessealni Chevalier, Gustave Bedford, Q 1860 Chevalier, Napoléon E., Iberville, Q 1873 Chipman, C. J. H., B.A., Ottawa, O 1868 \*Chisholm, Alex., Alexandria, O 1878 Chisholm, Murdoch, Bay Roberts, Bay Roberts, Nfld 1879 Christie, George H., Lacnute, & John Christie, John B., Palaluma, Sonora Co., Cal 1865 Christie, Thomas \*Christie, John H., B.A., 333 West \*Christie, John H., B.A., Chicago, Ill 1875 Christie, W., B.A., Lachute, Q. 1887 Chicago, Ill 1882 1862 Christie, W., B.A,
Christie, Edmund,
\*Church, Clarence R.,
Church, Clarence R.,
Church, Coller M.,
Church, F. W.,
Church, Levi R., Hon.
Church, Hy. J.,
Clarke, Getavius H. E.,
Clarke, Getavius H. E.,
Clarke, Hy. J.,
Clarke, Richard A.,
Clarke, Richard A.,
Clarke, J. L.,
Clarke, J. L.,
Clarke, J. L.,
Clarke, J. L.,
Clarke, G. B.,
Clarke, G. B.,
Clarke, G. B.,
Clarke, J. L.,
Clarke, G. B.,
Clarke, J. L.,
Chicago, III Poor
Chicago, III P Demor st. B. G. G.,
Derby, W. J.,
Possaulniers. Antoine A.,
Desmond, F. J.,
Desmond, F. J.,
Dewar, C. P.,
Dibblee, G. G.,
Dibblee, G. G.,
Dickinson, James S.,
Dickinson, George
Dickson, William W.,
Dickson, J. A.,
Digby, F. Winniett,
\*Dodd, John
I oherty, W. W.,
Donnelly, C. H.,
Dorland, James,
Dougan, Wm.,
Dorland, James,
Dougan, John F.,
\*Drake, Joseph M.,
Dubue, Charlemagne
\*Ducket, Stepher
Ducket, William A.

Striling, O.
Rockland, O.
Rock 1882 1888 Campbellton, N.B 1885 Waresville, Texas 1860 Clarke, J. L.,

Clemesha, John W.,

Clement, Victor A.,

\*Cline, John D., B.A.,

Clouston, J. R.,

Clouston, Daniel Nanaimo, B.C

Codd, Alfred Winnipeg, Man

\*Collines, Charles W.,

Collison, R., Norfolk, St. Law. Co., N.Y

\*Colquboun, George,

Comean, John B.,

St. David, Q 1870 1861 Montreal, Q 1864 Dubuc, Charlemagne Montreal, 9, 1838

\*Pucket, Stepher

Duckett. William A., Montreal, 0, 1859

Duhamel, Louis, Hull, 0, 1860

Duncan, Geo., Fareham, Hants, Eng. 1866

Duncan, George C., London, Eng. 1875

Duncan, James S., Surg.-Maj. Army 1858 Comeau, John B., Conroy, C. P., Cook, Guy R., B.A., Cook, Hermon L., St. David, Q Martintown, 0 1888 Louisville, N.Y 1876 Napanee, 0 1854 Aultsville, O 1884 Tôronto, O 1866 Hull, Q 1869 Wolfston, Q 1876 Cook, Sheldon E., Cooke, Charles H., Cooke, Sydney P., Cooke, W. H., \*Duncan, John

Dungan John A Massa T N. H. W. 100	
Duncan, John A., Moose Jaw, N.W.T. 1884 Duncan, W.T. Fergus Falls, Minn 1782 Dunlop, H. A., Crookston, Minn 1882 *Dunn. William Oscar 1843	*Gascoigne, Geo. E., 1861
Duncan, W. I. Fergus Falls, Minn 1782	Gaviller, Edwin A., Hamilton, O 1873
Duniop, H. A., Crookston, Minn 1882	*Gauvreau, Elzear. 1855 *Gauvreau, Lewis H., Gendron, Thomas. St. Raymond, Q 1866 Gernon, George W., Marieville, Q 1872 *Gibb, George D., Gibson, John B., Cowansville, O 1855
*Dunn. William Oscar 1843	*Ganyroan Lowis II
	Gandren Thomas H.,
Dupuis, Joseph B., Clarenceville, Q 1856	Gendron, Thomas. St. Raymond, Q 1866
The state of the s	Gernon, George W., Marieville, Q 1872
Easton, John Brockville, O 1852	*Gibb, George D.,
Easton, John Brockville, O 1852	Gibson, John B., Cowansville, Q 1855 Gibson, W. B., Burlington, Vt 1878
Easton, C. L., Smith's Falls, O 1887	Gibson, W. B., Burlington, Vt 1878
Eberle, Harry A., Kansas City, Mo 1876	*Gibson, Edward B., 1864
EDEFIS. D. W. Winninger 1925	Cil r D
Edgar, C. J., Edwards, Eliphalet G, Edwards, J. S., Edwards, Oliver C., Elder, John B. A. Huntinged 2, 1887 London, O 1855 Lundon, O 1850 Qu'Appelle, N.W.T. 1873	*Gilbort Honey I Sharkasak 0 1875
Edwards, Eliphalet G, London, O 1887	Gillis, John A. F., Summerside, P.E.I 1877
Edwards, J. S., London, O 1880	Cilia, John A. F., Summerside, P.E.I 18,7
Edwards, Oliver C., Qu'Appelle,	Gillies, John, Gilmour, Angus A., Teeswater, O 1867 Modesto, Cal 1868
Edwards, Onver C., Qu'Appelle,	Gilmour, Angus A.,  Gilmour, Angus A.,  Giroux, Philippe, Girdwood, Gilbert P., Gladman, G. J., East Syraeuse, N.Y 1886 Glen C. W. E., Godfrey, Robert, Godfrey, Abraham C., Freemantle.
N.W.T 1873	*Giroux, Philippe. 1850
Titulingdon, & 1000	Girdwood, Gilbert P. Montreel 1860
	Gladman G. I Fast Symposis N. V. 1996
Hants Co., NS 1884	Glan C W E
Elkinton, A. G., Sur. Maj. Gren. Grds 1864 Elkison, S. R., 268 W 43rd St N Y 1873 Ellis, W. E., St. Catherines, O 1887 Emery, Gorden L. Minneagelis, Mine 1887	Codfron Pol. Chambly, Q 1858
Ellison S R 268 W 42nd St Al V 1070	Godfrey, Robert, Montreal 1844
Ellie W E	Godfrey, Abraham C., Freemantle,
Emis, W. E., St. Catherines, O 1887	Southampton, Eng 1865
Emery, Gorden J., Minneapolis, Minn 1857	*Goodhue, P. J., Godforth, Franklin, Runcorn,
	Godforth. Franklin, Runcorn,
Erskine, John.	Chester, Eng 1863
Ethier, Calixte. St. Eugene, O 1867	Gooding Cha E St Dhilis Park Jan
*Erskine, John, Ethier, Calixte, Evans, Griffith, Vet. Dept. Army Woolwich, Eng 1864 Seaforth, O 1887 Wholliam William Woolwich, Eng 1864 Seaforth, O 1887 Wholliam William Woolwich Programme William William Woolwich Programme Woolwich Programme William Woolwich Programme	Gooding, Chs. E., St. Philip, Barbadoes, W 1884
Woolwich Fra 1984	Card W 1884
+Evens F I Woolwich, Eng 1004	Goodwin, W. W., Baie Verte, N.B 1888
tEvans, E. J., Seaforth, O 1887 Ewing, William, Hawkesbury, O 1873	Gordon, C. M., Aylwin O 1881
Ewing, William, Hawkesbury, 0 1873	Gordon, Robert, Arlington, Ill 1868
T 11	*Gordon, W. W., 1863
Falkner, Alexander, Lancaster, O 1866	Graham, Charles E. Hull O 1865
	Graham George A
Farewell, G. McGill Princeton O 1872	Goodwin, W. W., Gordon, C. M., Gordon, Robert, Graham, Charles E., Graham, George A., Graham, Henry, Goodwin, W. W., Graham, George A., Graham, Henry, 1863
Farewell, W G Oshowa O 1868	1000
Farley Jos T Fromont Contro Mich 1977	Graham, Kenneth, D., Ottawa, O 1875
Farewell, G. McGill, Chicago 1878 Farewell, W. G., Oshawa, O 1868 Farley, Jas. T., Fremont Centre, Mich 1877 Farley, John J., Belleville, O 1873 Faulkner, George W. Stirling O 1871	Westmeath () 1886
Foully, John J., Belleville, U 1873	Grant, Donald J., Woodbridge, O 1863
Faulkner, George W., Stirling, O 1871	Grant, James A., Ottawa, O 1854
Foxboro, O 1878	Grant, Donald J., Woodbridge, O 1863 Grant, James A., Ottawa, O 1854 Grant, Jas. A., Jr., B. A., Ottawa, O 1882 Grant, William, Perth, O 1867 Grant J H.V.
Feader, H. C., Chicago, Ill 1881	Grant, William. Perth O 1867
Feilde, E. C., Prescott, O 1886	Grant, J. H. Y., Ottawa, O 1886
Fenwick, Geo. E. Montreal 1847	Grant, J. H. Y., Ottawa, O 1886 Gray, John S., Winnipeg. Man 1876
Fergusson Alex R Dalhousia Mills O 1866	Croy Thomas, .Winnipeg. Man 1876
† Ferguson Wm A D A Darles	Gray, Inomas, St. Mary's, O 1879
Feilde, E. C., Prescott, O 1886 Fenwick, Geo. E., Montreal, 1847 Fergusson, Alex.R., Dalhousie Mills, O 1866 †Ferguson, Wm. A., B.A., Roches-	Gray, James, Minneapolis 1883
Ferguson W. D. T	Gray, W. L., Pembroke, O 1881
Ferguson, W. D. T., Cumberland, O 1888	Greaves, Henry C., Barbadoes 1877
Fillmore, E. W., Spencer's Isl., N.B 1887	Greenwood, F. S., St. Catharines, O 1878
Ferguson, W. D. T., Cumberland, 0 1888 Fillmore, E. W., Spencer's Isl., N. B 1887 Finlay, F. G., Montreal 1885 Finnie, John P. Wontreal 1860	Greer, T. A., C. SS. Minia, Halifax, NS 1876
Finlayson, John, 1834	*Grenier, L. P. A 1863
Finnie, John T., Montreal 1869	Groves George H Corn O 1870
	Groves W Care O 1999
*Fitzgerald, James, 1865	Guovin Inmed T E
	Grant, J. H. Y., Gray, John S., Gray, Jhomas, Gray, Thomas, Gray, James, Gray, W. L., Greaves, Henry C., Greenwood, F. S., St. Catharines, O 1873 Greer, T. A., C. SS. Minia, Halifax, NS 1876 *Greer, L. P. A, Groves, George H., Groves, W., Guerin, James J. E., Guest, Thomas F., Guest, Thomas F., Gunn, James, Durham, Co. Grey, O 1873 Gunn, James, Durham, Co. Grey, O 1873
Fortune Lovis M Buffalo, N.Y 1887	Guest, Inomas r., St. Marys, U 1873
Fortune, Louis M., Huntingdon, Q 1873 Fortun, Pierre, Mont eal, Q 1845	Gunn, James, Durham, Co. Grey, O 1861 †Gunne, N. D., Seaforta, O 1888
*Footen, Flerre, Mont eal, Q 1845	Tounne, N. D., Seaforta, O 1888
Fortin, Pierre, Mont eal, Q 1845 Floster, Stephen Sewell, 1846 Fraleigh, William S., Gananoque, O 1869 Fraser, H. D., Perth. O 1881 Fraser, Alex. C., Manitowoc, Wis 1877 Fraser, William H., Liverpool, N. S 1867 Fraser, Donald M., Stratford, O 1869 Fraser, Donald M., Chicago, Ill 1868 Fraser, Donald, Chicago, Ill 1868	Gurd, David F., Montreal 1879
Fraieigh, William S., Gananoque, O 1869	Gustin, Smith, Bay City, Mich 1885
Perth. 0 1881	Gustin, Smith, Gustin, Wm. Claud, Bay City, Mich 1885 Detroit, Mich 1863
Fraser, Alex. C., Manitowoc, Wis 1877	
Fraser, William. 18'6	Hagarty, D. M. J., Portage la Prairie
Fraser, William H Livernool N S 1867	Manitaba 1966
Fraser, Donald M Stratford O 1860	*Hell Archibald fed and Manitoba 1866
Fraser, Donald M., Fraser, Donald, Fraser, J. R., Metcalfe. O 1878	*Hall, Archibald [ad eun], 1848
Freson I D	*Hall, James B., 1866
Metcalte, U 18/8	*Hall, J. W., 1848
Fraser, J. M., Metcalfe. O 1878 Fraser, J. M., Hawkesbury, O 1887 Freeman, C. M., Cape Sable Isl., N.S. 18 1 Fritz, H. D., B.A., St. John, N.B. 1888 Fuller, W., Grand Rapids, Mich. 1836 Fuller, H. Le Roy, B.A., Swee 18burg, Q 1870	Hall, James B., 1868 Hall, J. W., 1848 Hall, A. G., Ormstown, Q. 1887 Hall, W., Walkerton, O. 1887 Hallett, E. O., Truro, N. S. 185 Hallett, E. O., Populing, Day 1898
Richard C. M., Cape Sable Isl., N.S 18 1	Hall, W., Walkerton, O 1887
St. John, N.B 1888	Hallett, E. O., Truro, N.S 1.85
Grand Rapids, Mich 1866	Hallett, E. O., Haldimand, A. W., Halliday, James T.,  Truro, N.S 1-85 Pembina, Dak 1888 Peterboro, O 1865
ruller, H. LeRoy, B. A., Sweelshurg, O 1870	Halliday James P Paterboro () 1865
, Ditti, Directioning, & 1010	*Hamilton Andrew W
Gale, Hugh, Garvey, Joseph, Gardner, H. H Gardner, John J. Gardner, J. Ga	*Hamilton, Andrew W., 1859 Hamilton, Charles S., Demorestville, 0 1868 Hamilton, John R., Stratford, 0 1871 *Hamilton, Rufus F.,
Garvey Joseph Bay City, Mich 1882	Hamilton, Charles S., Demorestville, U 1808
Gardner H H Con E : Col 1853	Hamilton, John R., Stratiora, O 1871
Jardner, H. H., San Francisco, Cal 1878	Hamilton, Rufus F., 1861
Jardner, John J., Montreal 1×83	namer, Joseph A., Murray D.V. Q. 1000
Jardner, Matthew, Sacramento, Cal 1871	*Hamer, A. L., 1887
Gardner, William, Montreal 1867	Hammond, J. H., Montreal 1869
Montreal, Q 1887	Hanna, A. E., Perth, O 1885
Gardner, H. H San Francisco, Cal 1878 Gardner, John J. , Montreal 1883 Gardner, William, Gardner, A. W. , Montreal, Q. 1887 Gardner, T. M. , York, Neb 1886	Hanna, A. E., Perth, O 1885 Hanna, Franklin, Lansdowne, O 1879
1011, 1100 1000	Liamotowite, O 1015

Haentschell, C. W.,
Hanover, William,
Hanvey, C. B. H.,
Harkin, F. McD.,
Harkin, F. W.,
Harkin, Henry,
Harkin, S. Jinchin, S. Harkin, S. Harkin, S. Harkin, Henry,
Harkin, Henry,
Harkin, Henry,
Harkin, Henry,
Harkin, S. Jinchin, S. Corners, O. 1862
Harkness, An 'rew, New Lancaster, O. 1862
Harrison, David H.,
Harrison, H. J.,
Hart, George C.,
Hannington, E. B. C.,
Hannington, E. B. C.,
Hawkins, A. C.,
Haykos, James,
Haythorne, T. J., B.A.,
Charlottetown, P. E. J. 1886
Keelby, Por 1889 \*Jackson, A. T.,
Jackson, Wm. Fred., Brockville, 0 1873
Jackson, Joseph A., Manchester, N.H 1879
\*Jamieson, Alex., B.A.,
Jamieson, Thomas A.,
Jamieson, C. H.,
Johnson, C. H.,
Johnson, H. D., Charlottetown, P.E.I 1885
Johnson, James B., London Eng 1876
Johnson, J. C.,
Surg. Maj. Army 1867
Johnson, J. R., Spring Valley, Minn 1883
Johnson, J. W.,
Gananoque, 0 1887
Johnson, Thomas G.,
Sarnia, 0 1871
Johnston, W. G.,
Montreal 1884
Jones, George N.,
Burlington, Iwa
\*Jones, Thomas W., (ad eun),
\*Jones, Jonathan C.,
Jones, Wm. Justus,
Jones, A. J. M., Wabash Av., Chicago 1875
Josephs, G. E., Hawkins.
Hayes, James.
Haythorne, T. J.,
Hebert, P. Zotique,
†Henderson, Alex. A., Ottawa.
\*Henderson, Peter A. M.,
Henderson, Peter A. M.,
Henry, Walter (Hon.)

\*Henry, Walter J.,
Henry, Walter J.,
Henry, Walter J.,
Henwood, Alfred J.,
\*Hervey, Jonas J.,
Hethrington, Harry,
Hewitt J.,
Hewitt J.,
Hickey, Charles E.,
Hickey, Charles E.,
Hickey, Samuel A., B. A., Aultsville, O 1874
Higginson, H. A.,
Higsnson, H. A.,
Higsnson, W. H.,

\*Winnipeg, Man 1881
Morrisburg, O 1866
Norrisburg, O 1864
Woonsocket, R. I 1873
Montreal 1851
Strathroy, Ont 1888
London, Eng 1874
1844
\*\*ston. Jamaica 1868
1848 Kearney, W. J., Mariposa, California 1875 Keefer, Wm. N., B. A., Surg. Maj. Bengal Army 1869 \*Keeler, Wm. N., B. A., Surg. Maj.
Bengal Army in the state of the sta 1867 1884 1864 883 \*Holden, Rufus, Kingston, Jamaica 1868
\*Holmes, Andrew F., Jad eunl, 1843
Hopkins, Alfred J., Cookshire, Q 1883
Howard, Lachine, Q 1867
Howard, R. Palmer, Montreal 1848
Hughes, P. H., Strathroy, O 1870
Hunt, J. J., Hunt, J. J., Williamstown, O 1876
Hunt, Lewis G., B A., Sheffield, hen 1869
Hunt, Lewis G., B A., Sheffield, hen 1869
Hunt, J. H., Surg, Maj, Army, Med
Dept. 1869
Hurdman, B. T., Fort Coulonge, Q 1885
Hurdman, B. T., Fort Coulonge, Q 1885
Hurlburt, Richard W., Mitchell, O 1873
Hutchison, Jas. A., Montreal, Q 1884
Hurlburt, Richard W., Mitchell, O 1873
Hutchison, John A., 1869 Bryson, Q 1882 Laberge, Ed. Lafferty, A. M., Laffeur, H. A., B. A., Landor. Thomas H., Lane, John A., Kala Lang, W. A., New Ric \*Lang, Thomas D., Lang, W. M., S. Langfois, O. X., An \*Langrell, Richard T., Larceque, A. B., Lathern, J. S., Lathern, J. S., Lathern, J. S., Law, William K., C. Law, William K., C. Law, William K., C. Law, Lawrence, Henry J. H. Leavitt, Julius, St. Philomene, Q 1856 Heriot, Dak 1887 Montreal 1887 C. P. R'y, 0 1884 Kalamazoo, Mich New Richland, Minn St. Mary's, O. Amherstberg, 0 Montreal 1847 Halifax, N.S Deer Lodge, Mon Bond Head, O Coleraine, Irel London, Eng Leavitt, Julius, Melbourne, Q 1866 Leclerc, George, Montreal 1851 Leclarr, Napoléon, Lancaster 0 1861 lee, James C., 1838 \*Lee, John Rolph Lefebvre, John M., Granville, B.C 1879 Legault, D., Salaberry de Valleyfield, Q 1866 Lemoine, C., St. Pierre, Isle d'Orleans 1850 Detroit, Mich 1879 Costa Rica 1880 Imrie, A. W., Inksetter, D. G., Irvine, James C., Irvine, R. T., Irwine, R. T., Irwin, J. L., 205 E Ohio St. Chicago 1879 Continues C., Universella, Liverpool, Eng 1880 Watkins, N. Y. 1885 Continues C., Universella, Liverpool, Eng 1880 Watkins, N. Y. 1885 Continues C.,

Lepailleur, Leonard, Leprohon, John L., Levi, Reuben,	1848
Leprohon, John L.,	Montreal 1843 New York, U.S 1870 St. Johns, Q 1861
Levi, Reuben,	Montreal 1843 New York, U.S 1870 St. Johns, Q 1861
Lindsay, Heriot,	St. Johns, Q 1861
*Lloyd H W	1862
*Locke C E A	1879
Levi, Reuben, Lindsay, Heriot, *Lister, James, *Lloyd, H. W., *Locke, C. F. A., *Logan, David D., Logan, Robert, *Logan, William, *Loga, Alexander	1872 1842
Logan, Robert,	Iona, Mich 1880
*Logan, William,	1833
*Long, Alexander,	1844
*Long, Alexander,* Longley, Edmund, Longpre, Pierre F., Loring, J. Brown,	1866
Louing I Proven	Quebec 1818
Loring, J. Brown,	674 Lake street, Chicago, Ill 1883
*Loupret, André.	Chicago, Ili 1883 1850
Loux, William,	Russell, 0 1870
Loucks, W. F.,	Stirling, 0 1887
*Loverin, Nelson,	1855
*Loupret, André, Loux, William, Loucks, W. F., *Loverin, Nelson, Lovett, William, *†Lueas, T. D'Arcy, Lunam, H., B. A., Ca Lundy, E. L., Lyford Chas. C., Mi Lyon, Arthur	Ayr, 0 1876
Lunam H B A Co	mpbellton, N.B 1869
Lundy, E. L.	Surg. Mai Army 1869
Lyford Chas. C., Mi	Surg. Maj. Army 1862 nneapolis, Minn 1879
Lyon, Arthur,	Impbellton, N.B 1881 Surg. Maj. Army 1862 Inneapolis, Minn 1879 Shawville, Q 1861
Maas, Rudolph J.,  *MacDiarmid, John D MacDonald, Angus,  *Macdonald, Colin, MacDonald, R. T. E., MacDonald, Roderick Stoney MacDonell, Æneas, MacDonnell, R. L., B.	
*Maas, Rudolph J.,	Chicago, Ill 1880
MacDonald Angus	'St. Paul, Minn 1863
*Macdonald, Colin.	1853
MacDonald, R. T. E.	. Sutton, Q 1881
MacDonald, Roderick	Æneas,
Man Stoney	Mountain, Man 1874
MacDonell, Aneas,	A., Ottawa 1849 Montreal 1876
MacFarlane Wm	A., Montreal 1876 Almonte, Q 1869
Macfie, James. Fort	Covington, N Y 1869
MacIntosh, Robert, Ra	pid City, N.W.T 1863
Mack, Francis Lewis,	Amherstburg, O 1866
MacDonald, Roderick Stoney MacDonell, Æneas, MacDonnell, R. L., B. MacFarlane, Wm., Macfie, James, Fort MacIntosh, Robert, Ra Mack, Francis Lewis, *Mackie, J. R., *Macklem, Samuel S., Maclean, Archibald. *Macnabb, Francis A. Macnell, Alex. Ke McArthur, Robert D., McArthur, John A., McArthur, J., McBain, John, MacCallum Duncan C.	1865
Mackiem, Samuel S.,	1859
*Macnahh Francis A	L., Sarnia, 0 1867 1870
Macneil, Alex. Ke	nsington, P.E.I 1883
McArthur, Robert D.	Chicago, Ill 1867
McArthur, John A.,	Port Elgin, O 1879
McArthur, J., McBain, John,	Winnipeg 1885
MacCallum Duncan C	Martintown, 0 1874
McCann J J B A H	opkinton, Mass 1878
McCarthy, W.	Chicago, Ill 1867
McCarthy, J. 17.,	Sorel, Q 1888
McClure, W., B.A.,	Montreal 1884
*McConhar (F. C.	Ellsworth, Kan 1886
McConnell John P	Montreel 1972
*McCord. John D	Montreal 1873
McCorkill, K. K. C., Es	ast Farnham, Q 1882
McCormack, N.,	Renfrew. 0 1885
McCormick, Andrew G.	., Richmond, Q 1874
McCrimmon, Donald A	Lucknow, O 1869
McCrimmon Milton	Kincardine, O 1878 Palermo, O 1878 Penryn, Cal 1886
McCuaig, W. J	Penryn Cal 1886
McCullough, George, Sa	ault St. Mary, O 1879
*McCullo gh, Michael,	(Hon. 1843
McCully, Oscar J. M. A	A., Baie Verte.
McCarthur, J., MeBain, John, MacCallum, Duncan C McCann, J.J., B.A., H McCarthy, W., McCarthy, J. G., McClure, W., B.A., McCollum, E. P., McConkey, T. C., McConkey, T. C., McCorkill, K. K. C., Ed McCormick, Andrew G McCrimmon, Donald A McCrimmon, John, McCrimmon, Milton, McCrimmon, Milton, McCanig, W. J., McCullough, George, Sz	Chatham N. B 1879
McDermid Wm F	Chatham, N.B 1866
McDiarmid, Donald	Dunvegan, O 1875 Athol, O 1867
McDiarmid, James,	A., Bale Verte. N. B. 1879 Chatham, N. B. 1866 Dunvegan, O. 1875 Athol, O. 1867 Hensall, O. 1873 Paisley, O. 1883 Alexandria, O. 1885
McDonald, Alex.,	Paisley, O 1883
+MaDanald, H. J.	Alexandria, O 1885
MaDonald, John A.,	Montreal 1880
	A -4 W-1- 0 1000
MeDonald, K.C. A.,	Acton Vale, Q 1873
McDonald, K. C., *McDonald, Roderick	Acton Vale. Q 1873 Spencer, Iowa 1880
McCurdy, John, McDermid, Wm. E., McDiarmid, Donald, McDiarmid, Jones, McDonald, Alex., McDonald, H. J. †McDonald, John A., McDonald, Jos. D. A., McDonald, K. C., **McDonald, Roderick,	Acton Vale. Q 1873 Spencer, Iowa 1880 1834

McDonald, Alex. R., Macdonal , A. D., Carleton, N. B. 1887
McDonald, A. L. Alexandria, 0. 1887
McDonald, D. D., N. Lancaster, 0. 1887
McDonnell, A. E. J., B.-A., Morrisb'g, 0. 1878
McDonnell, Angus C., McDonnell, Angus C., McDongall, Peter A., McDongall, Peter A., McDongall, Peter A., McDongall, D. S., McEachran, W., McEachran, W., McEwan, Findlay, McFarlane, M. A., Arnprior, 0. 1888 McDougall, D. S.,
McEachran, W.,
McEwan, Findlay,
McFarlane, M. A.,
McGannon, E. A.,
McGannon, T. G.,
McGarry, James,
McGaechy, William,
McGowan, Henry W.,
McGowan, Uson
McGowan, Menry W.,
McGregor, Duncan,
McGregor, Man, 1880
Carlton Place, O, 1870
Arapprior, O, 1881
Brockville, O, McGrath, Thomas,

\*McGrath, Thomas,

\*McGrath, Thomas,

\*McGrigor, Duncan,
McGuigan, W. J.,

McGuire, Bernard D.,

McGimoyl, Henry A.,

McIneney James P.,

McJneney James P.,

McJntosh, James,

McIntosh, James,

McIntosh, Jonald J., Vankleek Hill,

McIntosh, Donald J., Vankleek Hill,

McIntyre. Peter A.,

McMcKelan, George Lloyd, Hamilton,

McKelcan, George Lloyd, Hamilton,

McKenzie, J. T.,

Plainfield,

McKenzie, B. E., B.A., Kingston Road

McKenzie, B. E.,

McKenzie, McKelcan,

McKenz McKenzie, K. A. J., Portland, Oregon McKay, John, Woodville, O McKay, Walter, McKinley, John K., McKinnon, H., McKinnon, G. W., McLaren, Peter, McLaren, Peter, McLaren, Peter, McLaren, D. C., B A., WlcLean, J. W., Point Hastings, N. S. McLean, J. W., Point Hastings, N. S. McLean, J. M., B. A., Pictou, N. S. McLelann, J. S. H., McLennan, D., Universal, O Dunvegan, O Double Dunvegan, O Dunvegan, O Dunvegan, O Dunvegan, O Double Dunvegan, O Dunvegan, O Double Dunvegan, O McLellan, Jas. H., Tignish, P.E.I Dunvegan, O McLeonan, D. M. McLeod, James, Charlottetown, P.E.I Joronto, O McMeekin, J. W., Otter Lake, M.ch McMicking, George, Goderich, O McMillan, E. L., Alexandria, O McMillan, Louis J. A., Mansonville, Q McMillan, John, McMurray, Samuel, McNeus, Stewart, Ripley, N.Y. \*McNaughton, E. P.,
McNee, Stewart,
McNeece, James,
McNeece, James,
McNeil. Ernest, Vernon River, P.E.I.
McNulty, M.,
Brashers Falls, N Y
McQui len, James,
Marquette, Mich
\*McRae, George,
McTaggart, Alexander,
\*McNean, John M.,
Malliston, O
New York
Major, George W., B.A.,
Major, George W., B.A.,
Malooln, John Rolph,
\*Malhiot, Alfred,
Malloch, Edward C.,
\*Malloch, Edward C.,
\*Malloch, William B., 

Workworth 0 1872	O'Callaghan, T. A., B.A Worcester,
Mallory, Albert E., Warkworth, O 1872 Marceau, Louis T., Napierville, Q 1872 Markell. Richard S., Cloverdale, Cal 1867 *Marr, Israel P., Marston, Alonzo W., Hull. Q 1871 Marston, John J., Cheyenne, Wy 1863	Mass 1880
Markell Richard S. Cloverdale, Cal 1867	*O'Garr, Peter,
	*O'Connor, Daniel A 1867
Marr, Israel P., Marr, Walter H., Marston, Alonzo W., Marston, John J., Marston, John J., Martel, Oyide, St. Paul, Minn 1883	O'Dea, James J., Stapleton, Staten Island, N.Y 1859
Marston, Alonzo W., Hull. Q 1871	10.00
Marston, John J., Cheyenne, Wy 1803	Odell, William, O'Keefe, Henry, Minto, Dakota 1882
Martel, Ovide St. Paul, Minn 1883	Ogden, H. V., B.A., Milwaukee, Wis 1832
Mason, J. L., M.A , Brailsford, Derby,	O'Keefe, Henry, Ogden, H. V., B.A., O'Leary, James, O'Leary, Patrick, Oliver. James W., Minto, Dakota 1882 Milwaukee, Wis 1882 St. Pascal, Q 1866 Mayo, P. Q 1859 Oliver. James W.,
Mason, J. L., M.A., Brahstott, Beloy, Eng 1863  Mattice, Rich. J., Omaha, U.S 1875  †Mathieson, John H., St. Mary's, 0 1871	O'Leary, Patrick, Mayo, P.Q 1859
*Mathieson Neil	O'Poilly Charles Toronto. () 186/
Mayrand William. St. Andrew, Q 1884	Orr, A. E., Cookshire, Q 188; Orr, J. E., Montreal, Q 1888 Hamilton, Q 1886
Meahan, J. C., Bathurst, N.B 1878	Orr. J. E., Montreal, Q 1000
Meane, John, Staff Surg. Maj. Army 1869	Osborne, A. B. Hamilton, O 1886
Meek, Jas. A., 20 W 25th St., N. York 1865	Osler, Wm., 131 S 15th St., Philadelphia 1872
Meek, Jas. A., 20 W 25th St., N. York 1875  *Meigs, Malcolm R., Merzies, John B., Ft. Gratiot, Mich 1879  *Meredith, Thomas L. B., Merritt, D. P., B. A., Fitzroy Haubor, O. 1884  Metralfe, Henry J. Thurso, Q. 1876  Metcalfe, Henry J. Buffalo, N. Y. 1881  Mewburn, F. H., Galt Mines, N. W. T. 1881  Mignault, Henri A., Mignault, L. D., B. A., Miller, R., Surg. N. W., Mounted Police, Battlefnrd, N. W. T. 1870  Mills, Thos. W., M. A., Moutreal 1878  Miner, Frank L., Moutreal 1878	Osler, Willi, 1010 10th Ct., 2 miles
Merzies, John B., Ft. Gratiot, Mich 1842	*Padfield, Charles W 1868
Meredith, Homas D. B., Marwitt D. P. R. A. Fitzrov Haubor, O 1884	Painchaud, Edward S. L., Varennes, Q 1848
Metcelfe Henry J. Thurso, Q 1876	Palmer, Loran L. Palmer, (†. F., Pallen, Montrose A., Pallen, Montrose A., Pallen, Montrose A., Pallen, Montrose A.,
Metcalfe, F. T., Buffalo, N.Y 1888	Palmer, G. F., Pallen, Montrose A., London, O 1885 New York 1864
Mewburn, F. H., Galt Mines, N.W T. 1881	Pallen, Montrose A., New 10th 1843
Mignault, Henri A., St. Denis, Q 1860	*Paquin, Jean M., 1843 *Paradis, Henri, 1846 *Paradis, Pierre E., 1867
Mignault, L. D., B.A. Montreal 1880	*Paradis, Henri, *Paradis Pierre E 1867
Miller, R., Surg. N. W., Mounted Police,	*Park George A 1877
Battleinra, N. W. L. 1878	*Park, George A., Park, P. C Durham, 0 1888
Mills, Thos. W., M.A., Abercorn, Q 1877	Parka Charles S . 1000
Miner, Frank L., Abercorn, Q 1877	Parker Rufus S., Canton, Mass 1800
Mitchell Fred. H. London, O 1871	Patterson, James M., Winnipeg, Man 1864 Patterson, James, Winnipeg, Man 1864 Pattee, George, Plantagenet, 0 1874 Patter, Richard P., Plantagenet, 1887
Moffatt, John E., Staff Surg. Army 1861	Paterson, James, Winnipeg, Man 1804
Moffatt, Walter, Pensacola, Flo 18:2	*Pattee, George,
Moffatt, R. D., West Winchester, U 1888	*Patton, Edward K.,
*Mines, W., Mitchell, Fred. H., Moffatt, John E., Staff Surg. Army 1861 Moffatt, Walter, Pensacola, Flo 1852 Moffatt, R. D., West Winchester, O 1888 Molson. Wm. A., Montreal 1874 Montreal 1874 Montreal 1874 Montreal Rigand, O 1865	Pearman H V Halilax, N.S 1000
Mongeaais, Napoléon, Monk, George H., Moore, Charles S.,	Pegg Austin J. Ossian, Iowa 1872
Monk, George H., London, O 1874	Pegg, Charles H., Chicago, Ill 1867
Moore Jehiel T. Tilsonburg, U 1874	Pegg, Austin J., Pegg, Charles H., Perks, W. C. Perrault, Victor, Perrier, John, Perwier, Jones, M. A. Montreal 1876 Montreal 1876
	Perrault, Victor, St. Eustache, Q 1002
Moore Richard.	Perrauit, Victor, St. Edstache, & 1862 Perrier, John, Cleveland, Ohio 1868 Perrigo, James, M. A., Montreal 1870
Moore, Robert C., St. Paul, Minn 1869	
Moore, Robert C., Moore, William, *Morry, Joseph (Hon)	Perry, H. R. Phelan, C. J. R., Phelan, James B., Chicago, Ill 1873  Waterloo, Q 1865 Chicago, Ill 1874
*Morin, Joseph, (Hon.) Morgan, V. H., Aultsville, 0 1887	Dholon Tamos P (hicago, Ill 1012
*M David D	
	Philip David L. Brantioid, O 2000
	Phippen, S. S. C., Phippen, S. S. C., Pictault, Chas.  Prockyille, O 1867
Mount John W Montreal 1851	*Picault, Chas Prockville 0 1867
	Pickup, John W., Chicago, Ill 1880
Munro, James T., Maxwell, Ont 1872	
	Pinet, Alexis, Pinet, Alex. R., St. Laurent, Q 1864
*Murray, Charles H., B.A., 1876 Murray, D. Campbellton, N. B 1886 Musgrove, W. J., Drayton, Dak. 1882	Pinet, Alex. R., St. Laurent, Q 1864 Pomeroy, L. E. Mc., B.A., Rochester, N.Y 1886
Musgrove W. J. Drayton, Dak. 1882	N.Y 1886
Musgrove, m. o.,	Poole, Alf., Rossie, N.Y. 1880 Porteous, Wm., Montreal 1884 Porter, J. A., B. A., Kemptville, 0 1887 Pothier, J. C., Woonsocker, R. I. 1887 Potts, J. Mc., Belleville, 0 1888 Poussette A Courthorpe, Sarnia, 0 1890
Man 1978	Poole, H. E., Montreal 1884
Neilson, W. J., Winnipeg, Man 1878 Nelles, J. M., Canton, Ill 1875	Porteous, Wm., Kemptville, 0 1887
	Porter, J. A., B.A., Woonsocket, R.I 1887
*Nelson, Horace, 1851 *Nelson, Wolfred (Hon.) 1848 Nelson, Wolfred D. E., Panama, C. A 1872 Nelson, W. M. F., Montreal 1884 Nesbitt, Jas A., Salt Lake City, Utah 1868 Nicol, Wm. R., Watkins, N. Y 1872 *Nicholls, Chas. R.,	Pottlef, J. Mc., Potts, J. Mc., Poussette, A. Courthorpe, Powell, F. H., Powell, Israel Wood, Powell, Newton W., Powell, Robert H. W., Powers, George W., Eaton Cor., 9 1851 Eaton Cor., 9 1862 Eaton Cor., 9 1862 Eaton Cor., 9 1862
*Nelson, Wolfred (Hon.) 1848	Potts, J. Mc., Poussette, A. Courthorpe, Sarnia, 0 1860
Nelson, Wolfred D. E., Panama, C.A 1872	Powell, F. H., Powell, Israel Wood, Victoria, B C 1860
Nelson, W. M. F., Montreal 1881	Powell, Israel Wood, Victoria, Do 1850
Nesbitt, Jas A., Salt Lake City, Utah 1808	Powell. Newton W., Ottawa, 0 1875
*Nicholls Chas. R., Watkins, N. 1 1862	Powell, Robert H. W., Eaton Cor., Q 1861
*Nicholls, Chas. R., Norton, Thomas, Shelburne, 0 1874	Dowers, Tofontoine B. Port Hope, U 1807
Norman, T. J., King, O 1887	Pringle George. Cornwall. 0 1855
1,01 man, 1.0.,	Pringle A. F Northfield, Minn 1880
Oakley, Wm. D., Streetsville, O 1877	Pringle, George, Pringle A. F., Pringle A. F., Schreiber, O 1888 Prosser, W. O., Le Mars, Ply Co., Iowa 1874 Proudfoot, John S., Susp'on Bridge, O 1868 Proudfoot, John S., Susp'on Bridge, O 1868 Proudfoot, Alexa
O'Brien, Thos. B. P., Srg. Mai, Army 1862	Prosser, W. O., Le Mars, Ply Co., 10wa 100
O'Brien, Robert S., Nanaimo, B.C 1873	Proudfoot, John S., Susp'on Bridge. Montreal 1869
O'Brien, David, Renfrew, O 1873	Proudfoot, Alex., Montreal 1844 Proulx, Philéas, Montreal 1859
O'Brien, Robert S., O'Brien, David, Renfrew, O 1873 O'Brien, T. J. P., Kansas City, Mo 1882 O'Brien, Timothy, Brudenell, O 1884	Proulx, Philéas, 1859
O'Brien, Kobert S., Kanalmo, B. C. 1873 O'Brien, David. Renfrew, O 1873 O'Brien, T. J. P., Kansas City, Mo 1882 O'Callagan Cornelius H. 1834	*Prevost. E. Gilbert, Pulford, F. W., Stonewall, Man 1880
O'Callagan, Cornelius H. 1854	Turota, T. tt.,

*Quarry, James J., *Quesnel, Jules M., Quirk, E. L.,	1868
*Quesnel, Jules M.,	1849
	yimer, Q 1888
Rae, J. Hamilton (Hon.), Lone	don Eng 1959
Rae, J. Hamilton (Hon.), Lone *Rainville, Pierre,	1863
Rambault, J., Dep. Insp. Ge	en. Army 1859 1871
Rattray, Charles J.,	1871
Raymond, Olivier.	obden, 0 1874 Montreal 1850
Raymond, Alf., Marc	us. Iowa 1856
Raymond, G.H., B.A., Susser	K, King's
Read, Herbert H. Hali	Co., N.B 1886
Reavely, E., Port Robe	fax, N.S 1861 ertson, O 1887
Redner, Horace P.	sdale, O 1864
Reddy Herbert I. P. A. Winch	nester, O 1874 Montreal 1876
*Reddy, John (ad enn)	1856
Reed, Thomas D.,	Montreal 1871
Reed, John A., Sault Ste. I	Marie, 0 1871
Rae, J. Hamilton (Hon.), Lon- *Rainville, Pierre, *Rambault, J., Dep. Insp. Ge *Rattray, Charles J., Raymond, Olivier, Raymond, Alf., Raymond, Alf., Reavely, E., Port Robe Reddick, Robert, West Winel Reddy, Herbert L, B.A. *Reddy, John (ad eun), Reed, John A., Redd, Alex, Peter, *Reid, Alex, Peter, *Reid, Kenneth. Renner, W. Scott, Reynolds, T. W.	ax, N.S 1858
Renner, W. Scott. Buffe	alo, N.Y 1884
Reynolds, T. W., Ham	ilton, O 1881
Reynolds, Robert T.,	Berlin, O 1837
*Reddy, John (ad eun), Reed, Thomas D., Reed, John A., Sault Ste. Reid, Alex. Peter, *Reid, Alex. Peter, *Reid, Kenneth. Renner. W. Scott, Reynolds, T. W., Reynolds, T. W., Reynolds, Robert T., *Reynolds, Thomas, Richard, Marcel, Richmond, P. E., Mt. Pleasar Ridley, Henry Thomas, *Rielle, Etienne R. E., Riley, Oscar H., Moer's Forks, Rinfret, Ferdinand R., *Rinfret, Ferdinand R., *Rintoul, David M.,	1842
Richmond, P. E., Mt. Pleasar	ter, N.H 1 64 nt, Minn 1873
Ridley, Henry Thomas, Ham	ilton, O 1852
Riley Occar H. M. F.	1857
imey, Oscar H., Moer's Forks,	o. N.Y 1879
Rinfret, Ferdinand R., *Rintoul, David M., Richardson, J. P.	Quebec 1868
*Rintoul, David M.,	1854
Richardson, G. C., Archer av., C.	Chicago 1865 nond, O 1887
Riordan, B. L., Tore	onto, O. 1880
Ritchie, A. F., B.A., Duluth	n, Minn 1876
*Roberts Edward T	d. Dept 1874
Roberts, John E., B.A., Mo	ntagne.
Dal Jan	n., W.I 1867
Robertson, A. M., Victor	ia, B.C 1885
Robertson, David.	Iton O 1864
Robertson, David T., Lennox	ville, Q. 1857
Robertson, Patrick, St. And	rews, Q 1867
Robertson, A. G. Trog	ans, Vt 1886
Robillard, Adolphe, Ott	awa 0 1860
Robinson, Stephen J., Brant	ford, O 1867
Robitaille, Louis New Corn	nam, 0 1877
Robitaille, L. T.,	Duebec 1858
Roddick, Thomas G., Mc	ontreal 1.68
Rogers, E. J. A. Daniel	entreal 1869
Rogers. Amos. Ott:	er, Col 1881
Rooney, R. F., Auburn, Placer C	o , Cal 1870
Ross James P. A. Mo	entreal 1866
Ross, G. T Dun	das, U 1881
Ross, L. D., Month	eal. Q 1884
Ross, W. K., Goden	rich. 0 1843
Ross, Henry Woodlan	id, Cal 1863
Rinfret, Ferdinand R.,  "Rintoul, David M., Richardson, J. R., Archer av., 'Richardson, J. R., Archer av., 'Richardson, J. R., Archer av., 'Richardson, J. C., Richardson, J. C., Robertson, James E., Montague Robertson, David, Mobertson, David, Robertson, David, Robertson, Patrick, St. Andr. Robertson, A. G., Robillard, Adolphe, Order and College, College, College, Robinson, Wesley, Robitaille, L. T., Roddick, Thomas G., Roddick, Thomas G., Ross, G. T., Ottos, M. G., College, C. G., G., G., G., G., G., G., G., G., G.	New Z 1871 1875
Ross, Wm. D.,	1875
loss I. F. P. A. D. Cohoes	, N.Y 1881 S
Ross, D. L., Point Edw.	ard. U 1886
owat, W. M., Gran	by. Q 1886
owell, G. B., Montr	aby, Q 1886   Seal, Q 1884   Seal, Q 1865   Seal, Q
Rumsey William Can Daniel	rth. 0 1865   8
utherford, M. C., Fergus Falls	Minn 1879
loss, Thomas, Ross, Henry, toss, William G., Ross, Wm. D., toss, J. W., toss, J. L., towat, W. M., towell, G. B., towell, G. B	icago 1882 *

368	Rutledge And T.	Manital 100
349	Rutledge, And. J., Ruttan, Allen, Ruttan, A. M., Ruttan, R. F.,	Manitoba 188 Napanee, O 185 New York 188
888	Rutton A M	Napanee, U 185
	Rutton D E	New York 188
353	Touttain, It. E.,	Montreal 188
863	*Cohomi- 35 "	
50	Sabourin, Moise,	1849
71	Sampson, James (Hor	n.), 1847
71	Sanderson, George W	., Toronto, O 1850
363 359 371 374 350	Savage, Thos. Y.,	Thistletown, O 1854
0(1	Savage, Alex. C	1866
56	Sawyer, James H.,	1863
00	*Schimdt, Samuel B.,	1847
86	Schmidt, A. F.,	Montreal, Q 1886
61 87	*Sabourin, Moïse, Sampson, James (Hoo Sanderson, George W Savage, Thos. Y., *Savage, Alex C., *Sawyer, James H., *Schimdt, As F., Schmidt, A. J., *Schofield, David T., Scoth, John, G., Hazeld	Fairbault, Man 1886
01	Schofield, David T.,	1854
64 74 76 56 71 71 58 64 84	Scotoneid, David T., Scott, John, G., Hazele Scott, Stephen A., "Scott, William E, Scott, W. McE., Scott, W. McE., Scott, J. M., "Scriven, George Aug.	dean, Co Carlt, O 1879
14	Scott, Stephen A.,	1854
10	*Scott, William E,	1844
00	Scott, Wm. F.,	Hull, Q 1875
11	Scott, W. McE.,	1883
11	Scott, J. M. Phi	ladelphia, Penn 1887
08	*Scriven, George Aug	ustus. 1849
1+0	Scully, D. J.,	Lindsay, () 1887
54	Seager, Francis R.,	Brigden, O 1870
31	Secord, Levi,	Bright, O 1876
37	Seery, F. J. F	redericton N B 1886
12	Setree, Edward W.	Henvelton N V 1878
34 73 52 57	Seguin, André.	Rigard 0 1818
73	Senkler, A. E.,	St Paul Minn 1862
52	Serviss, T. W.	Ovovilla Cal 1881
57	Seymour, M. M.	Winning Man 1879
	*Sewell, Stephen C. (a.	denn) 1849
9 8	Sewell, Colin (ad eun)	Onoboo 1860
8	Shanks J. C	Howish O 1991
4 1	Sharp, J. C.	Marvaville A D 1995
5	Sharp Wm . Son	th Tolodo Obio 1979
7	Shaw Alexander V	Latortown Dal 1999
4 5 7 0	Scott, William E, Scott, W. M. F., Scott, W. M. E., Scott, J. M. Scott, J. M. Scriven, George Augi Scully, D. J., Seager, Francis R., Secord, Levi, Seager, Francis R., Secord, Levi, Seery, F. J. Setree, Edward W., Seguin. André, Senkler, A. E., Serviss, T. W., Seymour, M. M., *Sewell, Stephen C. (a Sewell, Colin (ad eun), Shanks. J. C., Sharp, W. M., Sharp, J. C., Sharp, W. M., Shaw, Alexander, Shaw, Alexander, Shawer, Peter Rolph, Shawer, Peter Rolph, Shaver, Peter Rolph, Shaver, Peter Rolph, Shaver, R. N., Shibley, J. L., B.A, Shepherd, Francis J., Sherk, George, Shoebottom, Henry, Po	Proceeding 0 1970
6	Shaver Peter Rolph	Streetford 0 1854
4	Shaver W H	Walsa 0 1992
9	*Shaver R N	Wates, U 1883
9 7 5 5	Shaver, R. N., Shibley, J. L., B.A, Shepherd, Francis J., Sherk, George, Shoebottom, Henry, Po Shufelt, W. A., 250 W. Sihler, G. A., *Simard, Amable, Simpson, Thomas, Sinclair, Coll, Small, H. B.,	V 1001
7	Shenherd Francis I	Mantreal 1972
5	Sherk George	Channel Is 0 1965
5	Shoehottom Honry Do	Cheapside, U 1803
1	Shufelt W A 250 W	11th Ct M V and 1891
7	Sibler G A., 200 W.	11th St. N 10rk 1881
7	*Simard Amable	Simcoe, U 1885
3	Simpson Thomas	Montage 1 1054
3	Sinclair Coll	Avilmon O 1074
	Small H B	Ottawa 1880
	*Smallwood John P	Ottawa 1880
	Smellie T S T M A	Dut Authoriza
1 7 7 7 3 3 3 3 7 7 5 3 3 3 3 3 3 3 3 3 3	Small, H. B., *Smallwood, John R, Smellie, T. S. J., M.A.	Landing, 0 1877
	Smiley J S Por	tsmouth, Iowa 1880
	*Smith Daniel D	1868
	Smith Daniel F	Walkertown, O 1878
	Smiley, J. S., Por *Smith, Daniel D., Smith, Daniel F., Smith, E. H., 2700 We	entworth Ave
	2100 11	Chicago 1885
	Smith, E. H	Fullarton Neb 1881
	*Smita, Edward W	1850
	Smith. John Por	Hand Oregon 1879
	Smith, Norman A B	relighshurg R 1870
4	Smith. William	Lachute O 1876
	Smith, Edward W. A 1	R West Mer-
		riden Conn 1882
	Smith, W. A. de W.	New West-
	,	minster, B.C. 1884
9	Smith, H. E., M	arlboro', Mass 1885
	Smythe, T. W. Color	nel 100th Regt.
	50101	Dover, Eng 1848
1	Snider, Frederick S	Teeterville 0 1876
1 5	Sparham Terence	Brockville 0 1841
1 3	Sparham E R	1259
1 5	Spear Andrew M	Danvilla O 1874
1	Spencer R	Brandon Man 1870
1 3	Springle J A	Montreal 0 1888
1 3	*Squire, William Wood	M A 1864
-	Smith, E. H., 2700 We Smith, E. H., 2700 We Smith, E. H. *Smith, Edward W., Smith, Norman A., F. Smith, William. Smith, Edward W., A. I Smith, W. A. de W., Smith, H. E., M. Smythe, T. W., Color Snider, Frederick S., Sparham, Terence, Sparham, E. R., Spear, Andrew M., Spencer, R., Springle, J. A., *Squire, William Wood,	11.21.,

	T 1: DET 1004
Stafford, Fred. J., Little Bay, Nfld 1878	Walker, Felix D., Wallace, Isaac U., Walsh, Edmond C. Walton, George O., Walton, Clore Barbadoes, W. I. 1873 Walder, Libb. B. Walder, Libb. B. Dungdin, New Z. 1867
Stafford, Fred. J., Stanton, George, Simcoe. 0 1868	Wallace, Isaac U., Milton, Q 1014
Stanton, George, Stark, George A., Milwaukee, Wis 1872	Walsh, Edmond C. Madrid, N. 1 1800
*Staunton Andrew. 1846	Walton, George U., Barbadoes, W. 1 1015
*Stephen William.	Walsh, Edmond C. Madrid, N. 1 1800 Walton, George O., Barbadoes, W. I 1873 Wanless, John R., Dunedin, New Z 1867 Ward, William T., Morristown, Minn 1873
*Stark, George A., *Stauton, Andrew, *Stephen, William, Stephen, G. C., Stevenson, Charles N. Stevenson, Hans, Stevenson, J. M., *Stevenson, John L., *Stevenson, John L., *Stevenson, John A., *Steve	Wanless, John R., Dunedin, New Z 1867 Wanless, John T., Morristown, Minn 1873 Ward, William T., Morristown, Minn 1873 Ward, Michael O'B., Panama, C. A 1875
Stevens Alex D., Dunham, P 1857	Ward Michael O'B., Panama, C.A 1875 Warneford, P. H., Norton, N. B 1887
Stevenson, Charles N. Stevenson, Hans, Stevenson, J. M., Stevenson, J. M., Stevenson, J. M., Stevenson, J. M.,	Warnetord P H. Norton, N D 1001
Stevenson Hans. Wakefield, Q 1880	
Stevenson, J. M., Bryanston, O 1856	*Warren, Henry, Wangh William, London, 0 1872
*Stevenson, John L., 1855	Warren, Flank, Warren, Henry, Waugh, William, Weagant, C. A., Weagant, A. A., *Webb,JamesT.S. Dickinson'sL'nd'g,0 1871
*Stevenson, John II., 1873 *Stevenson, Robert A., Strathroy, O 1871 Stewart, Alexander, Palmerston, O 1872 1884	Weagant, C. A.,
Stevenson, Robert A., Strathroy, 0 1871	*Webb James T.S. Dickinson's L'nd'g, 0 1871
	Webster, Arthur D., Edinburgh, S 1878
Stewart, Andrew,	17 003001, 11 01101 D.,
*Stewart, John Alexander,	William Dishard
Stewart, James, Montreal 1869	*Weir, Richard, Lancaster, 0 1888
Stewart, James, Montreal 1809 Stewart, J. O., Bishmond O 1888	Westley R. A Wetmore, F. H., Lancaster, 0 1888 Hampton, N.B 1888
Stewart, J. U., Stewart, A. D., Stewart, W. G., B A., Stephenson, James, Stephenson, James, Iroquois, O 1850	Wetmore, F. H.,  *Wherry, John.  Greenspond, Ntd 1886  White, F. J.,  Greenspond, Ntd 1886  Greenspond, Ntd 1886  White, F. J.,  Greenspond, Ntd 1886  White, F
Stewart, W. G., B A., Montreal, Q 1000	White F I Greenspond, Nfld 1886
Stephenson, James, Iroquois, U 1850.	White W W M A. St. Johns, N.B 1886
Stimpson, Alfred O., St. John, Leenard, St. John, Leenard,	Whitecomb Josiah G., Omaha, Neb 1848
St. John, Leonard, Chicago, Ill 1872	*Whiteford, James W., Brockville, 0 1873
Storrs, A., Mexborough, 101k, Eng 1969	Whiteford Richard, Toledo, Ohio 1857
St. John, Leenard, Chicago, Ill 1872 Storrs, A., Mexborough, York, Eng 1876 *Strobridge, James Gordon, 1862 Struthers, A. D., Donald 1881 Struthers, B. R., Montreal, Q. 1883 Stroud, C. S., Norway, Benton Co. Iowa 1876 *Sutherland, Fred. Dunbar, 1848 Sutherland, William, 1836 *Sutherland, William, 1836 *Sutherland, William, Sutherland, William, Montreal 1879	Whiteford, Richard, Whitwell, W. P. O., *Whyte, Joseph A., Whyte, Joseph A.,
Struthers, A. D., Montreel 0 1883	*Whyte. Joseph A
Struthers, B. R., Ponton Co Town 1876	Wigle, Hiram, Wiarton, 0 1875
Stroud. C. S., Nerway, Bellion Co. 10wa 1864	*Widmer, Christopher (Hon.)
Sutherland Welter Ormstown O 1871	*Wilcox, Marshall B.,
Sutherland William 1836	Wilkins, George (ad eun), Montreal 1880
*Sutherland William 1870	Wilkins, H. P. Toronto, U 1881
Sutherland, William R., Montreal 1879	Williams, J., Boston, Mass 1851
Switzer, Egerton R., Salina, Ks 1865	Williams, J. F., Gravenhurst, O 1887
Chicaci, Agoston /	Williams, E. P., Ottawa, U 1869
Tabb Silas E., M.A., Sherbrooke, Q 1868 *Tait. Henry Thomas, 1830	*Whyte, Joseph A., Wiarton, 0 1875 Wigle, Hiram, *Widmer, Christopher (Hon.) 1847 *Wilcox, Marshall B., 1868 Wilkins, George (ad eun), Montreal 1886 Wilkins, H. P. Boston. Mass 1881 Williams, J. F., Gravenhurst, 0 1886 Williams, E. P., Ottawa. 0 1887 Williams, J. A. K., Wilson, J. A. K., Wilson, H.V. M.A., Newcastle, NB 1879 Wilson, Benjamin S., Belleville, 0 1866 *Wilson, Robert M., 1867
*Tait. Henry Thomas, 1830	Willson, J. A. K., Richmond, 0 1866
*Tarl. Henry Inomas, Peterboro, O 1859 Taylor, Wm. H., Peterboro, O 1859 Taylor, Sullivan A. Gilmonton, N.H 1870 Tew, H. S., Wakefield, York, Eng 1834 Temple, James A., Toronto 1865 Thayer, Linus O., Montreal 1859	Wilson, Robert M., Wilson, Robert M., Wilson, William. Wilson, Samuel F., Millstream, Kings Co., N.B 1884
Taylor, Sullivan A. Gilmonton, N.H 1870	Wilson, Robert M., Ottawa 1857
Tew, H. S., Wakefield, York, Eng 1834	Wilson, William. Millstream, Kings
Temple, James A., Toronto 1865	Wilson, Samuel F., Millistream, Co., N.B 1884
Thayer, Linus ()., Montreal 1859	Wilson, C. W., Buckingham, Q 1886
Ineriauit, F. D.,	Toba Wilhrod 1010
Therien, Honoré, Thomas, W. R., Shoal Lake, Man 1886	Wiscam, John Whote, Wiscam, John Whote, Wiscam, John Whote, Wiscam, John Whote, Woods, David, Staff Surgeon Army 1880 Wood, Edwin Geo., Mitchell, O 1885 Wood, George C., Wood, George Faribault, Minn 1863
Thomas, W. R., Shoal Lake, Man 1886	Woolverton, A., M.A., Hamilton, O 1808
	Woods, David, Staff Surgeon Army 1800
Thompson, Robert, Thompson, Wm. E, Man tou. Man 1882 Garage O. 1888	Wood, Edwin Geo., Mitchell, U 1865
Thompson, J. H., Gananoque, O 1888	Wood, George C., 1040
Thornton Hastwell W. B. A. New	Wood, George, Faribault, William 1883
Thornton, Hastwell W., B.A New Richmond Q 1882	Wood, Ed. S., St. Paul's, William O 1865
Tracev. A. W., West Meriden, Conn 1873	Wood, Hannibal W., Surg Mai 1864
Trappell, H. E., Providence, R.I 1887	Woodful Sam. Pratt. St Catherine 0 1888
Trenholme, Edward Henry, Montreal 1862	Woodruff, T, A., Avimer, Q. 1875
Tracey, A. W., West Meriden, Conn. 1873 Trappell, H. E., Providence, R. I. 1887 Trenholme, Edward Henry, Montreal 1862 *Trudel, Eugene H., Macan, N. S. 1881	Woods, David, Staff Surgeon Army 1860 †Wood, Edwin Geo., Mitchell, O 1885 Wood, George C., Faribault, Minn 1863 Wood, George, St. Paul's, Minn 1863 Wood, Hannibal W., Knowlton, Q 1865 Woodful Sam. Pratt., Surg. Maj. 1844 Woodruff, T. A., St. Catherine, O 1888 Woods, Jno. J. E., Aylmer, Q 1875 Woolway, C. J St. Paul, Minn 1875 Workman, Benjamin, Toronto 1835 Workman, Joseph, Worthington, Edward (ad eun) Sher-brooke, Q 1868 Worthington, A. N., Sherbrooke, Q 1868
Trueman, J. E., Macan, N.S 1881	Woolway, C. J. Bonismin 1853
*Turgeon, Louis G,	Workman, Denjamin, Toronto 1835
Turnbull, R., Moose Jaw, N. W. I 1850	Worthington Edward (ad eun) Sher-
Tuzo, Henry A.,	brooke, Q 1808
Trueman, J. E.,  *Turgeon, Louis G.,  Turnbull, R.,  Moose Jaw, N. W. T 18-6,  Tuzo, Henry A.,  †Tunstall, Simon J., B.A., Litton, B.C 1875	Worthington, A. N., Sherbrooke, Q 1887
	Worthington, Edward (ad eun) Sher- brooke, Q 1888 Worthington, A. N., Sherbrooke, Q 1889 Wright, John W., B. A., Picton, O 1878 Wright, Henry P., Ottawa, 0 1879 Wright, Stephen, Montreal 1848
Usher, Henry. Walkerton, O 1861	Wright. Henry P., Ottawa. 1879
Vannorman, J. M., Detroit, Mich 1840	Wright, Stephen, Ottawa, O 1848 Wright, William, Montreal 1848
*Vercoe, Henry L, 1865	Wright, William,
*Vicat. John R 1867	Wire John H. 20 Latting
tVineberg, Hiram N., New York 1878	Halifay, N.S 1888
	Wylde, C. F, Young, Philip R., Young, Robert C., Young, A. A., Young A. A., Young A. A., Young A. A.,
Wagner, A. Dixon, Cornwall, O 1872	Young, Philip R., Bidgetown, 0 1873
Wagner, G. C., Dickinson's Ldg, U 1811	Young, Robert C., Barton, Vt 1887
*Wagner, William H.,	Young A. A., Young H. E. B.A., Napanee, 0 1888 Napanee, 0 1870
Wakeman William, Quebec 1×65	
Wales, Benjamin N., Robinson, Q 1874 *Walker, Robert.	Tourer, William,
*Walker, Robert, 1851	

## EXAMINATION PAPERS—SESSION 1887-88.

### MATRICULATION EXAMINATIONS.

### LATIN.

Examiner, ..... H. ASPINWALL HOWE, M.A., LL.D.

Note.—Candidates may choose, in this Paper, between Cicero and Virgil.

- 1. Translate, without unnecessary change of construction :-
- (A). Nunc, ut a me, patres conscripti, quandam prope justam patriæquerimoniam detester ac deprecer: percipite, quæso, diligenter, quæ dicam, et ea penitus animis vestris mentibusque mandate. Etenim, si mecum patria, quæ mihi vita mea multo est carior, si cuncta Italia, si omnis respublica sic loquatur: M. Tulli, quid agis? Tune eum, quem esse hostem comperisti, quem ducem belli futurum vides, quem exspectari imperatorem in castris hostium sentis, auctorem sceleris, principem conjurationis, evocatorem servorum et civium perditorum, exire patiere, ut abs te non emissus ex Urbe, sed immissus in Urbem esse videatur? Nonne hunc in vincula duci, non ad mortem rapi, non summo supplicio mactari imperabis?

CICERO in CAT. Orat. I, ch. 11.

(B). Quartum genus est sane varium et mixtum et turbulentum: qui jam pridem premuntur, qui numquam emergent; qui partim inertia, partim male gerendo negotio, partim etiam sumptibus in vetere ære alieno vacillant; qui vadimoniis, judiciis, proscriptionibus bonorum defatigati, permulti et ex Urbe et ex agris se in illa castra conferre dicuntur. Hosce ego non tam milites acres quam infitiatores lentos esse arbitror. Qui homines primum, si stare non possunt, corruant; sed ita, ut non modo civitas, sed ne vicini quidem proximi sentiant. Nam illud non intelligo, quamobrem, si vivere honeste non possunt, perire turpiter velint; aut cur minore dolore perituros se cum multis, quam si soli pereant, arbitrentur-

CICERO in CAT. Orat. II, ch. 10.

2. Parse all the words of 'aut cur, minore dolore perituros se cum multis, quam si soli pereant, arbitrentur,' at the end of extract (b), and explain their construction.

- 3. Decline together *miles acer*, in the singular and the plural; also the noun *respublica* and the pronouns *ego* and *ille*. Write out in full the tenses *pereant* and *arbitrentur*.
- 4. Give the principal parts of the verbs percipio, comperio, gero, confero, intelligo, vivo.
- 5. In what way can Intransitive verbs, such as parco, invideo, eo, vivo, be used in the Passive Voice? Give an example of each.
- 6. Translate and explain 'vadimonium deserere,' 'In ante diem quintum kalendas Novembris,' 'quis testamentorum subjector, quis circumscriptor, 'meo beneficio tabulæ novæ proferentur, verum auctionariæ.'
- 7. Explain with examples:—Partitive Genitive:—Genitive of Quality:
  —Genitive of Place:—Genitive of Price.
- 8. Illustrate by short sentences the construction of the adjectives similis, peritus, dignus, and of the verbs doceo, memini, panitet.

#### VIRGIL.

1. Translate, without unnecessary change of construction :-

(a) Talia jactanti stridens aquilone procella Velum adversa ferit, fluctusque ad sidera tollit. Franguntur remi: tum prora avertit, et undis Dat latus; insequitur cumulo præruptus aquæ mons. Hi summo in fluctu pendent; his unda dehiscens Terram inter fluctus aperit; furit æstus arenis. Tres notus abreptas in saxa latentia torquet: Saxa vocant Itali, mediis quæ in fluctibus, Aras; Dorsum immane mari summo. Tres Eurus ab alto In brevia et syrtes urget, miserabile visu, Illiditque vadis atque aggere cingit arenæ. Unam, quæ Lycios fidumque vehebat Oronten, Ipsius ante oculos ingens a vertice pontus In puppim ferit; excutitur pronusque magister Volvitur in caput; ast illam ter fluctus ibidem Torquet agens circum, et rapidus vorat æquore vortex.

ÆNEID, Bk. I., vss. 102-112.

(b) Qua facere id possis, nostram nunc accipe mentem: Regius accitu cari genitoris ad urbem
Sidoniam puer ire parat, mea maxima cura,
Dona ferens, pelago et flammis restantia Trojæ:
Hunc ego sopitum somno super alta Cythera
Aut super Idalium sacrata sede recondam,
Ne qua scire dolos mediusve occurrere possit.
Tu faciem illius noctem non amplius unam

Falle dolo, et notos pueri puer indue vultus; Ut quum te gremio accipiet lætissima Dido Regales inter mensas laticemque Lyæum, Quum dabit amplexus atque oscula dulcia figet, Occultum inspires ignem, fallasque veneno."

ÆNEID, Bk. I., vss. 676-688.

- 2. Parse all the words of Quum dabit ampleaus atque oscula dulcia figet Occultum inspires ignem, fallasque reneno, at the end of extract (b), and explain their construction.
- 3. Decline together osculum dulce, in the singular and the plural; also the noun agger, and the pronouns ego and ille. Write out in full the tenses excutitur and recondam.
- 4. Give the principal parts of the verbs tollo, frango, aperio, torquer, excutio, fallo.
- 5. In what way can Intransitive verbs, such as parco, invideo, eo, vivo, be used in the Passive Voice? Give an example of each.
  - 6. Translate and explain :-
    - (a) Ilium in Italiam portans, victosque Penates.
    - (b) Vos et Scyllœam rabiem penitusque sonantes Accêstis scopulos.
    - (c) Sive extrema pati, nec jam exaudire vocatos.
    - (d) Hic canit errantem lunam, solisque labores.
- 7. Explain with examples:— Partitive Genitive, Genitive of Quality, Genitive of Place, Genitive of Price.
- 8. Illustrate by short sentences the construction of the adjectives similis, peritus, dignus, and of the verbs doceo, memini, penitet.

### ENGLISH.

- 1. Construct a sentence in which the subject shall be a Noun, enlarged by a Noun in apposition, and by an Adjective sentence. Extend also the Predicate by adding to the verb a Noun sentence in the Objective, and an Adverbial clause.
  - 2. Parse the words italicised in the following sentence:-

"I had rather be a dog and bay the moon, than such a Roman."
How do you account for the year of them often such words.

How do you account for the use of than after such words as other and rather?

3. "Than whom a fiend more fell nowhere is found"

Although this objective case is sanctioned by usage, it is not governed by than, which is a Conjunction and never a Preposition. Confirm this statement by an example or two in which the Case following than, whether Nominative or Objective, can be satisfactorily accounted for.

4. What Part of Speech, etymologically, is the word self? Give examples of its use (1) as a Noun, in the singular and in the Plural; (2) as an Adjective.

- 5. Shew by a few short sentences that the Case absolute in English is the Nominative.
- 6. Intransitive verbs are sometimes used as transitive. Give examples of this usage, and give also the transitive forms of the intransitive verbs. rise, lie, sit, fall.
- 7. Give words having the following Prefixes and Affixes:-(1) mis-; dis-; dia-; en-; de-; meta-; peri-. (2)-dom; -fy; -oon; ose; -ize; -en; -ling; -ty. Add the meaning of each word and state the language from which each is derived.
- 8. Distinguish in meaning between: -ingenious and ingenuous; sensitive and sensible; truth and veracity; alimony and aliment; anile, senile and puerile; serial and cereal. Give the derivation of each word.
- 9. Correct errors, where found, in the following, and state what Rule of Syntax is violated in each:
  - (a) In depicting of character, Werner is a mannerist.
  - (b) Let each esteem others better than themselves.
  - (c) He is as rich and even richer than his father.
  - (d) I expected to have been at home when you called.
  - (e) While walking in the garden, the idea occurred to me.
  - 10. Write a short Composition on "The approach of Spring."
- 11. Write legibly and punctuate properly the passage which will be read to you out of some author.

### GEOMETRY.

Examiner..... H. Aspinwall Howe, M.A., LL.D.

- 1. Prop. 12 Br. I. To draw a straight line perpendicular to a given straight line from a given point without it.
- 2. Prop. 19 Br. I. Prove that if in a triangle ABC the angle B is greater than the angle C, the side AC is greater than the side AB.

- 3. Prop. 27 Bk. I. If a straight line falling upon two other straight lines makes the alternate angles equal, these two straight lines are parallel.
- 4. Shew by the help of Proposition 29 that if two straight lines A and B which meet one another be parallel respectively to two others C and D which meet one another, the angle contained by A and B will be equal to the angle contained by C and D.
- 5. Prop. 11 Br. II. To divide a given straight line so that the rectangle contained by the whole and one of the parts shall be equal to the square of the other part.

### NATURAL PHILOSOPHY.

- 1. Explain centrifugal force, and state clearly how its intensity is measured. Mention some of its practical applications.
- 2. Shew by aid of a diagram that the *true* weight of a body weighed in a false balance is the square root of the product of the two false weights obtained by weighing it in each scale-pan.
- 3. What is the measure of a force when it produces motion? Explain by reference to a diagram why it is that a stone, which falls through only 16 feet in the first second, falls through 48 feet in the next second.
- 4. How would you prove experimentally that when a solid body is wholly immersed in a liquid, its loss in weight is equal to the weight of its own volume of the liquid?
- 5. Explain the action of the Siphon. Is there any limit to the height of an embankment over which water may be carried by means of a Siphon from a higher to a lower level? Why, or why not?

### BRITISH HISTORY.

Examiner.... H. ASPINWALL HOWE, M.A., LL.D.

- 1. Give a brief account of the reign of King John.
- 2. If the current of events under the Plantagenets had been other than it was, England might have become a mere appanage of the French Monarchy. Explain this.
- 3. Who were the leading men in the reign of Henry VIII.? Write a short sketch of any one of them.
- 4. Who or what were, the Lollards, the Star Chamber, Shipmoney, the Covenanters, Fifth Monarchy Men, the Pilgrim Fathers?

6

5. Give a summary of events in the history of Nova Scotia, and particularly an account of the dispossession of the French natives which forms the ground-work of the story of *Evangeline*.

### GEOGRAPHY.

- 1. Draw a map of the coast line of the sea lying between North and South America, putting in the names of Territorial divisions, Capes and Bays, Rivers and Cities that may be situated at the mouths of the same. Introduce also the three largest of the West India islands.
- 2. Name the four Provinces of Ireland and state their position. Locate a few of the principal cities in each.
  - 3. Name the chief rivers of Asia, saying into what Seas they flow.
- 4. What are the territorial divisions of South Africa in the neighbourhood of the Cape.
- 5. What and where situated are the following:—Santiago, Lima, Carpentaria, Assaye, Riga, Malabar, Ajaccio, Ratisbon, Gondar, Cabes?

### CHEMISTRY.

Examiner ..... H. Aspinwall Howe, M.A., LL.D.

- 1. Distinguish between physical and chemical changes, with an example of each.
- 2. What is Ozone? What are its properties and what is its relation to Oxygen?
- 3. What substances are required for the preparation of Carbonic Oxide, Sulphurous Anhydride, and Ammonia? Give the equation representing the reaction in case of one of these substances.
- 4. What is the composition of typical Alum, and wherein does it differ from Ammonia Alum?
- 5. A solution, on treatment with *Hydrochloric Acid*, effervesces and a pungent colourless gas escapes. Another portion of the solution colours the flame of the Bunsen burner an intense yellow.

What is the probable composition of the solution?

6. Give formulæ for Calomel and Corrosive Sublimate, stating wherein the two differ.

### BOTANY.

- 1. Mention some of the modifications of the seed, designed for its distribution.
- 2. In what form does the plant usually store up food, and what changes does the accumulated food undergo preparatory to nourishing the growing plant?
- 3. Explain the relation existing between the Vegetable and Mineral Kingdoms, and between the Vegetable and Animal Kingdoms.
- 4. Describe Pollen. State where it is formed and what function it is to perform.
- 5. Illustrate by figures the following terms:—Fibrous, Fleshy. Tuberous, as applied to roots:—Climbing, Twining, applied to stems:—Acute, Cordate, Nerved, as applied to leaves.
- 6. Give examples of plants having opposite leaves, alternate leaves whorled leaves, compound and pinnate leaves.

### ARITHMETIC.

Examiner..... H. Aspinwall Howe, M.A., LL.D.

Note.—The work must be given by which answers are obtained, both in the Arithmetic and in the Algebra.

- 1. Find the rental of 5 acres, 2 roods, 25 poles of land at £1.12.8 per acre.
  - 2. Divide the product of  $2\frac{2}{15}$  and  $2\frac{5}{8}$  by the difference of  $2\frac{3}{6}$  and  $2\frac{1}{4}$ .
- 3. A merchant, by a speculation, lost .45 of his capital. By a second speculation he lost .14 of what he had left; there remained to him then \$13244. What was his original capital?
  - 4. How much per cent. of 84 is 8% per cent. of 72?
- 5. Find the true discount on a note for \$357 due in 90 days, all told, at 81 per cent. per annum.

### ALGEBRA.

- 1. Divide  $x^4 + (2b^2 a^2)x^2 + b^4$  by  $x^2 + ax + b^2$ .
- 2. Shew that if any number n be divided into any two parts, the difference of their squares will always be equal to n times the difference of the parts.

3. If 
$$\frac{a}{b} = \frac{c}{d}$$
, prove that  $\frac{a_2 - b_2}{c_2 - d_2} = \frac{ab}{cd}$ .

4. Solve the equations:-

$$\begin{cases} x - \frac{y - 2}{7} = 5 \\ 4y - \frac{x + 10}{3} = 3 \end{cases}$$

5. Two persons, A and B, have the same income; A lays by one-fifth of his every year, but B, by spending, £80 a year more than A, at the end of four years finds himself £220 in debt. Find their income.

### GREEK.

1. Translate, without unnecessary change of construction:—

Έντεῦθεν προϊόντων ἐφαίνετο Ἰχνια Ἰππων καὶ κόπρος. εἰκάζετο δ' εἰναι ὁ στίβος ὡς δισχιλίων Ἰππων. Οὐτοι προϊόντες ἐκαιον καὶ χιλὸν καὶ εὶ τι αλλο χρήσιμον ἢν. ᾿Ορόντης δὲ, Πέρσης ἀνὴρ, γένει τε προσήκων βασιλεὶ καὶ τὰ πολέμια λεγόμενο; ἐν τοὶς ἀρίστοις Περσῶν, ἐπιβουλεύει Κύρω καὶ πρόσθεν πολεμήσας, καταλλαγείς δέ. Οὐτος Κύρω εἰπεν, εὶ αὐτῷ δοίη Ἰππέας χιλίους, ὅτι τοὺς προκατακαίοντας Ἰππέας ἢ κατακάνοι ἀν ἐνεδρεύσας ἢ ζῶντας πολλοὺς αὐτῶν ἔλοι καὶ κωλύσειε τοῦ καίειν ἐπιόντας, καὶ ποιήσειεν, ῶστε μήποτε δύνασθαι αὐτοὺς τὸ Κύρου στράτευμα βασιλεὶ διαγγείλαι. Τῷ δὲΚύρω ἀκούσαντι ταῦτα ἐδόκει ὡ ψέλιμα εἰναι, καὶ ἐκέλευσεν αὐτὸν λαμδάνειν μέρος παρ' ἐκάστου τῶν ἡγεμόνων. ἱ δ' Ὀρόντης νομίσας ἐτοίμους εἰναι αὐτῷ τοὺς Ἰππέας γράφει ἐπιστολὴν παρὰ βασιλέα, ὃτι ἡξοι ἔχων Ἰππεῖς ὡς ἀν δύνηται πλείστους· ἀλλὰ φράσαι τοὺς αὐτοῦ Ἰππεῦσιν ἐκέλευσεν ὡς φίλον αυτὸν ὑποδέχεσθαι.

### XENOPHON, ANAB. Bk. I, Ch. 6. § 1, 2, 3.

- Parse fully each word of:—οὐτος Κύρα εἰπεν εἰ αὐτα δοίη ἰππέας χιλίους.
   Give the construction of each.
- Decline together in all three numbers οὐτος ὁ ἀνήρ, and write out the tenses ἐφαίνετο and δοίη.
- What parts of what verbs are ἐφαίνετο, ἐκαιον, καταλλαγείς, ἰδόντας λαμβάνειν. Give the Future, Perfect, and 1st or 2d Aorist of each.
  - 5. Explain:
    - (a) εῖ τι ἀλλο χρήσιμου ἦν. Why is ἦν in the Indicative?
    - (b) εὶ αὐτς δοίη ἰππέας χιλίους. Why is δοίη in the Optative?
- (c) κωλύσειε τοῦ καίειν ἐπιόντας. What is the construction of the verb κωλύω?
  - (d) παε εκάστου των ήγεμώνων. What genitive is ήγεμόνων?

### FRENCH.

Examiner..... H. ASPINWALL HOWE, M.A., LL.D.

- 1. Translate, as closely as difference of idiom will admit :-
- (a) Gustave Vasa, jeune homme descendu des anciens rois du pays, sortit du fond des foréts de la Dalécarlie, où il était caché, et vint délivrer la Suède. C'était une de ces grandes àmes que la nature forme si rarement, avec toutes les qualités nécessaires pour commander aux hommes. Sa taille avantageuse et son grand air lui faisaient des partisans dès qu'il se montrait; son éloquence, à qui sa bonne mine donnait de la force, etait d'autant plus persuasive qu'elle était sans art; son génie formait de ces entreprises que le vulgaire croit téméraires, et qui ne sont que hardies aux yeux des grands hommes; son courage infatigable les faisait réussir. Il était intrépide avec prudence, d'un naturel coux dans un siècle féroce, vertueux enfin, à ce que l'on dit, autant qu'un chef de parti peut l'être.
- (b) Il était à la chasse aux ours quand il reçut la nouvelle de l'irruption des Saxons en Livonie: il faisait cette chasse d'une manière aussi nouvelle que dangereuse; on n'avait d'autres armes que des bâtons fourchus derrière un filet tendu à des arbres; un ours d'une grandeur démesurée vint droit au roi, qui le terrassa, après une longue lutte, à l'aide du filet et de son bâton. Il faut avouer qu'en considérant de telles aventures, la force prodigieuse du roi Auguste et les voyages du czar, on croirait ètre au temps des Hercule et des Thésée.
  - 2. Son génie formait de ces entreprises. Why is the de necessary?
- 3. Autant qu'un chef péut *l'être*. What part of speech is the *l'*? Its use before être is a common idiom of the language. Explain it.
- 4. Au temps des Hercule et des Thésée. The proper names are correctly in the singular notwithstanding the plural des. Why?
- 5. Vint droit au roi. Write in full the Present Indicative of venir, and write the first pers. sing. of all the tenses of aller.
- 6. Give plural of celui-ci, ma sœur, votre enfant, son œil, cette dame, ce canal, il va, quelqu'un, chez moi.
- 7. Write feminine of—un beau paysan, mon cher ami, net, blanc, ancien aif, lequel, tous ceux, le fils favori, époux.

### PROFESSIONAL EXAMINATIONS.

### FIRST YEAR.

### HISTOLOGY.

Examiner......PROF. G. WILKINS, M.D., M.R.C.S., Eng.

- 1. Give a full description of the coats of an artery, and the difference in structure between the smaller and the larger vessels.
  - 2. Describe the structure of a villus of the small intestine.
- 3. Describe the structure of the respiratory tract from its commencement in the trachea to its termination in a lobule of the lung.
  - 4. What is a Pacinian corpuscle? Where found?

### BOTANY.

Examiner . . . . . . D. P. Penhallow, B.Sc.

- 1. Explain the structure of the reproductive organs in Phenogamus, and the morphological nature of the various parts. Also show what special parts constitute the reproductive elements proper.
- 2. Show what causes determine the movement (physiological) of water. Show the directions of movement and the special tissues traversed.
  - 3. Respiration. Explain this function with reference to
    - (1) The organs or parts in which it occurs.
    - (2) Characteristic chemical changes and products.
    - (3) Conditions under which it occurs.
- 4. Of what function are Starch, Inulin, Sugar and Oil the products? Show what conditions are essential to the formation of these bodies, what elements are used and what secondary products are formed.
- 5. Show what effects upon growth would be produced by placing a plant under the following conditions:—
  - (1) Sunlight.
  - (2) Darkness.
  - (3) Yellow light.
  - (4) Blue light.
- 6. Show the principal ways in which gravitation exerts an influence upon growing organs.
- 7. State some of the leading factors which determine movements in the organs of plants.

### PHYSIOLOGY.

### SESSIONAL EXAMINATION.

Examiner..... T. Wesley Mills, M.A., M.D.

- 1. State and illustrate the meaning of "physiological division of labour."
- 2. Explain the relations of arterial blood, venous blood and lymph to each other.
- 3. Explain the part taken by the heart, arteries, capillaries and veins in the circulation of the blood.
  - 4. Describe digestion in the small intestine.
- 5. State and explain the functions of the spinal cord, (a) as a conductor, (b) as a reflex mechanism.
  - 6. Explain by a diagram the physiology of hearing.

### CHEMISTRY.

### SESSIONAL EXAMINATION.

Examiner ..... Dr. G. P. Girdwood.

- 1. Describe the method of taking the specific gravity of a solid substance insoluble in and heavier than water, of a solid lighter than water.
- 2. Convert —40°, 0°, 62° Fahrenheit to the corresponding temperature centigrade. A thermometer plunged into hot water rises through 50° centigrade, how many degrees Fahrenheit and Reaumur will it rise through under the same circumstances?
- 3. Describe Boyle's or Marriott's Law. Explain how it may be demonstrated.
- 4. What is meant by the forces Cohesion, Adhesion, Chemical Affinity? Give instances of each.
- 5. What are the laws which govern the reflection of light from plane, concave and convex surfaces?
- 6. Write out in formulæ, Ammonium Carbonate, Sulphuric Acid, Hydrochloric Acid, Oxalic Acid, Sodium Hydrate, Ethyl Hydrate, Phosphoric Anhydride, Arsenious Anhydride, Hydrogen Sulphide, Nitric Anhydride.
  - 7. What are the laws of chemical union by weight?
- 8. What is the mode of occurrence, properties and preparation of oxygen?

9. Describe the mode of manufacture of Sulphuric Acid.

10. Describe a Daniel's cell, and trace the current of electricity from the commencement through the battery.

### SECOND YEAR.

### CHEMISTRY.

Examiner .... Dr. G. P. GIRDWOOD.

1. Describe the different methods of taking the specific gravity of a sample of urine by specific gravity bottle, by urinometer, and in case in which the quantity of urine is not sufficient to use either specific gravity bottle, or urinometer.

2. How many litres of oxygen gas can be obtained from 10 grammes of Chlorate of Potassium at 16.6°C. and pressure of 716.6 mms. of mercury? What difference would there be at 62°F. and 27.5 inches of mercuy, K=39, Cl.=35.5, O=16.

3. Calculate the vapour density (air=1) and the weight of 1 litre of the following substances: Chlorine, Phosphorus Vapour, Chloroform Vapour, Mercury Vapour, and Ferri Chloride.

4. How can you prepare Carbon Monoxide? What quantity of materials would you require to obtain 5.6 litres of the gas, normal pressure and temperature?

5. Describe the occurrence, properties, and preparation of Phosphorus and Phosphuretted Hydrogen.

6. Describe the preparation of metallic copper from its sulphide. What are its properties? What class of salts does it form? Give examples of each.

7. A hydrocarbon is found to contain 92.3 per cent. of carbon and 7.7 per cent. of hydrogen vapour density (air =1) is 5.41, state briefly how these facts are determined and give the formula of the substance.

8. Classify organic compounds containing Nitrogen. Place in its proper group, each of the following: Aniline, Prussian Blue, Urea, Pieric Acid, Glycocoll.

9. Classify Alcohols and Basic Amides (amines). Give some characteristic re-actions for each group.

10. Show by equations or diagrams the preparation of—(a) Chloral, (b) "Sulphuric Ether," (c) Iodoform, (d) Ethyl Nitrite, (e) Propionic Acid from Ethyl Alcohol.

How can Ethyl Alcohol be made from Propionic Acid?

### PHYSIOLOGY.

Examiner ..... T. Wesley Mills, M.A., M.D.

- 1. Give the briefest possible answers to the following: State, (a) Use of hemoglobin; (b) Course of the Circulation; (c) Variation in structure of different arteries; (d) Cause of second sound of the heart; (e) Nature of tissue lymph; (f) Principal excreta eliminated by the lungs; (g) Re-actions of each of the digestive secretions; (h) The essential nature of digestion: (i) Principal ingredient of the solids of urine; (j) Its amount; (k) Chemical re-action of blood; (l) Chemical re-action of urine; (m) Cause of the heat of the body; (n) The essentials in reflex action; (o) Parts derived from the epiblast; (p) Principal refracting medium of the eye; (q) Functions of the liver; (r) Structure of a glomerulus of the kidney; (s) Anatomical relations of the blood supply of the liver; (t) Principal heat regulating organ; (u) Chemical constitution of foodstuffs; (v) Functions of the medulla oblongata; (w) Average pulse rate in a man of 25 years of age; (x) Average rate of respiration in the same; (y) Principal parts of the ear.
  - 2. The morphological elements of the blood of the mammal:
- (a) Describe them in minute detail; (b) State the functions assigned to each.
- 3. A subject is seen to be flushed in the face, and complains of coldness of the lower extremities and a sense of fullness in the head. He places his feet in warm water and partakes of a bowl of hot gruel, after which relief is experienced.

Discuss the various aspects of the case from a physiological standpoint.

- 4. Compare digestion in the laboratory and in the body of the mammal, especially of man.
- 5. (a) Give a brief and generalized account of the minute anatomy of the kidney; (b) Connect this with the functions of the organ, discussing the different views entertained of the latter.
- 6. In consequence of witnessing a frightful occurrence on the street, a child has the following symptoms: (a) Screaming during sleep in consequence of alarming dreams; (b) Twitching of the muscles of the face and upper extremities; (c) Loss of appetite; (d) Secretion of urine containing excess of solids.

State the cause and connection of each event in this case, basing your opinions on physiological principles.

7. Compare a young mammal a few days before and a few days after birth, giving anatomical and physiological reasons for the differences existing.

In estimating the value of the answers given, special importance will be attached to the judicious use of diagrams, references to experiments witnessed, and manifested capacity to weigh eyidence pro and con.

### ANATOMY.

	5	PROF. SHEPHERD, M.D. PROF. MACDONNELL, B.A., M.D.
Examiners	 	PROF. MACDONNELL, B.A., M.D.

- 1. Name in their proper order the structures in relation with the right kidney.
  - 2. Course, relations and tributary branches of the Inferior Vena Cava.
  - 3. Origin and distribution of the Obturator Nerve.
- 4. Origin, insertion, and nerve supply of the muscles attached to the external surface of the Ilium.
  - 5. Dissection necessary to expose the external Plantar Artery.
- 6. Name in their proper order the structures it is necessary to remove in order to expose the *Trachea* throughout its whole extent.

### PRACTICAL ANATOMY.

THE DEMONSTRATOR'S PRIZE.

- 1. The brain having been removed from the body, give the dissection necessary to display the Velum Interpositum.
- 2. Describe the method of making a side view of the contents of the male pelvis, and give a brief description of the parts thereby exposed.
- 3. Enumerate the parts divided by a horizontal section of the trunk at the level of the body of the 12th dorsal vertebra.

### CHEMISTRY.

### SUTHERLAND GOLD MEDAL.

Examiner..... Prof. G. P. Girdwood, M.D.

- 1. Give a short account of specific heat and atomic heat. Show how they may be applied to determine the correctness of the atomic weights.
- 2. Describe the condition of the different constituents of any form of simple galvanic battery, when in action and when at rest. How much electro-positive substance will be separated by electrolysis for every molecule of zinc dissolved in the battery cell.
- 3. Write a short account of (a) the continuous etherification process; (b) saponification.

- 4. Give an account of the chemistry of cyanogen and its chief derivatives.
- 5. How may you proceed from Acetic Acid, to (a) Glycoll, (b) Succinic Acid, (c) Propylamine, (d) Acetone.
- 6. Classify the compounds called Carbohydrates. Show how the groups are related to one another. Write fully on dextrose.
- 7. 9.3 grammes Methylamine are decomposed by Nitrous Acid, what is the volume of permanent gas formed?
  - 8. Give an account of alloys. Illustrate with examples.
  - 9. Describe the properties of aluminium and its chief compounds.
  - 10. Prove that there are at least two atoms, in the molecule of Nitrogen.
- 11. What volume of Phosphorus vapour would exactly use up the Oxygen in 95.7 grammes of water?

### THIRD YEAR.

### MEDICAL JURISPRUDENCE.

Examiner ...... Prof. Geo. Wilkins, M.D., M.R.C.S., Eng.

- 1. Give full description of gun-shot wounds, describing different appearances according to distance and nature of projectile.
- 2. Describe the appearances of burns inflicted before and after death also the circumstances modifying these appearances,
  - 3. What are the signs of maturity of fœtus?
  - 4. What are the symptoms of poisoning by arsenic?
  - 5. What are hallucinations?

### ( Arrahis!

### PATHOLOGY.

Examiner..... W. G. Johnston, M.D.

- 1. What constitutes Fever? Describe the chief types of Fever Temperature.
- 2. What changes ensue in a part in consequence of chronic congestion? Give example.
  - 3. What changes follow ligature of an artery?
- 4. What constitutes inflammatory exudation? Describe the process of recovery after inflammation.

5. Name a disease positively proved to be caused by bacteria, and give the evidence. Name one where the proof is incomplete, and explain in what it is defective.

6. Define the following:

Infarct; Fatty Degeneration; Cystoma; Adenoma; Papilloma; Polypus; False Pigmentation; Anencephalia; Cyticercus.

Four questions only to be answered.

### PHARMACOLOGY AND THERAPEUTICS.

Examiner .... Prof. James Stewart, M.D.

- 1. Describe fully the influence of the following agents on intestinal peristalsis and secretion:
  - a. Calomel.
  - b. Sulphate of Magnesia.
  - c. Podophyllin.
  - d. Opium.
  - 2. Explain the mode of action of Iodide of Potassium in:
    - a. Bronchitis.
    - b. Syphilis.
    - c. Chronic Lead Poisoning.
    - d. Aortic Aneurism.

Write a prescription for each of the above uses of the Iodide of Potassium.

- 3. Compare the analgesic powers of Galvanism, Opium and Antifebrine. Describe fully the method of obtaining the fullest analgesic effects of the above agents. In a case of facial neuralgia, mention the maximum dose of each, (the dose of galvanism in milliampères).
- 4. Discuss the essential principles in the treatment of a case of incipient pulmonary consumption.
- 5. Are there any states where the induction of Ether anæsthesia is very undesirable and frequently very dangerous?

What untoward effects may arise during the course of ether anæsthesia? How are they to be treated when they do arise?

6. Contrast the actions of Corrosive Sublimate, Carbolic Acid, Iodoform, and Iodol as Antiseptics. Describe the mode of applying each of these agents in a case of a putrid superficial ulcer of the leg, and the mode of administration of each where it is desired to exercise an antiseptic influence on the small intestines. (Prescriptions according to the Metric system.)

### HYGIENE.\*

- 1. Describe in detail the means to be adopted for counteracting contagion in a house where a case of diphtheria has occurred. (a) During the progress of the case. (b) During convalescence.
  - 2. Define and illustrate the following terms:—
    - (a) Death rate. (b) Illiteracy. (c) Movement of population.
    - (d) Census. (e) Registration. (f) Fecundity. (g) Birth rate.
- 3. Name the common adulteration of—(a) Wheaten Flour. (b) Bread. (c) Saccharine Foods. (d) Butter.
- 4. Point out the hygienic defects commonly met with in an ordinary terrace house in Montreal, and mention (briefly) the practical remedies you would suggest.

### M.D., C.M. FINAL EXAMINATIONS.

PRINCIPLES AND PRACTICE OF SURGERY.

- 1. Mention the causes which may produce extravasation of urine into the Perineum. State the direction taken by the urine and the reasons for that direction. Give the local and general symptoms which attend this injury and the treatment to be adopted.
- 2. Describe the local symptoms of Acute Periostitis of the Tibia. State the possible results, the termination and treatment.
- 3. Describe the symptoms of Fracture of the neek of the Femur, both within and without the capsule. In what class of patients do these accidents occur? Give the treatment to be adopted and the results.
- 4: Lateral Lithotomy, describe the operation, the parts necessarily cut through, and mention the structures which should be avoided in the operation.
- 5. Myeloid disease, in what structure does it usually develop? Give the symptoms, appearances, treatment, and probable results.
- 6. What are the boundaries of the Popliteal space? Describe the relative position of the parts contained within it.
- 7. Describe the symptoms, consequences and treatment of chronic enlargement of the Prostate Gland.

<sup>\*</sup>Summer examination.

- 8. Mention the different forms of Nævus and the appropriate modes of treatment.
- 9. Penetrating wounds involving anterior part of eyeball. How may they endanger vision? Give an outline of the treatment suitable in such cases.
- 10. Give the differential diagnosis between Acute Iritis and Acute Glaucoma.

### GYNÆCOLOGY.

Examiner ..... Prof. William Gardner, M.D.

- 1. Pelvic Peritonitis; the symptoms, causes and consequences.
- 2. Chronic Cervical Endometritis; varieties, symptoms and physical signs.
- 3. The modern electrical treatment of Myoma Uteri; objects and guiding principles.
  - 4. Cystitis, acute and chronic; causes and local treatment.

### THEORY AND PRACTICE OF MEDICINE.

Examiner..... Prof. R. P. Howard, M.D., LL.D.

- 1. Mention the important complications and sequelæ of Diphtheria, Pertussis and Diabetes Mellitus, and the classes of disease to which they severally belong.
- 2. Enumerate the several modes of death in Diabetes Mellitus, Chronic Bright, Mitral Obstruction and Cirrhosis of Liver, and specify the more usual modes
- 3. Describe the treatment of Rheumatic Fever and its most important complications.\*
- 4. Mention the reflex neuroses met with in Chronic Nasal Catarrh—their exciting causes and the conditions necessary to their occurrence.
- 5. The diagnosis between ordinary Cirrhosis of the Liver and "Biliary Cirrhosis"? What are the probable causes of hepatic cirrhosis in children?
- 6. Describe the various causes of failure of compensation in Chronic Valvular Disease.
- 7. Sketch the treatment of Uræmic Convulsions and of Cerebral Hæmorrhage.\*

<sup>\*</sup> State the doses of the medicines you prescribe.

# McGILL UNIVERSITY

ANNUAL CALENDAR

# FACULTY OF MEDICINE.



57TH SESSION 1889-90.

MONTREAL:

PRINTED FOR THE UNIVERSITY BY THE GAZETTE PRINTING CO

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### JULY, 1889.

#### Monday Tuesday

Wednesday

Thursday Friday 6 Saturday

### SUNDAY

8 Monday Tuesday

10 Wednesday II Thursday

12 Friday

13 Saturday

### 14 SUNDAY

Monday Tuesday 15 16

19 Friday 20 Saturday

21 SUNDAY 22 Monday

Tuesday

Wednesday Thursday 26 Friday

27 Saturday

29 Monday Tuesday 31 Wednesday

17 Wednesday 18 Thursday

Dr. N. Robertson died, 1884.

Summer Session ends.

Malpighi died, 1694.

### SEPTEMBER, 1889.

### 1 SUNDAY

2 Monday Tuesday Wednesday

Thursday 5 Thurse 6 Friday

7 Saturday

### SSUNDAY

9 Monday 10 Tuesday Wednesday

### 12 Thursday

13 Friday 14 Saturday

#### 15 SUNDAY 16 Monday

Tuesday 17 Tuesday 18 Wednesday 19 Thursday

20 Friday 21 Saturday

### 2 SUNDAY

23 Monday 24 Tuesday Wednesday

Thursday 26 Friday 27 Friday 28 Saturday

30 Monday

Galvani born, 1737. Candidates for matriculation of Provincial Medical Board to send fee (\$10) to Dr. Belleau, Quebec. Candidates for their licence to send fee (\$20) and credentials,

Matriculation examinations of C. P. & S. of Quebec (Provincial Board) at Quebec.

Register opens.

Matriculation Exam. begins, High Sc., Peel street.

Jas. McGill born, 1744. Founder's day. McGill Medical

Fallopius died, 1562.

Society semi-annual meet-

### AUGUST, 1889.

Thursday 2 Friday

3 Saturday

UNDAY

Monday Tuesday

Wednesday 8 Thursday 9 Friday

10 Saturday

### SUNDAY

12 Monday 13 Tuesday 14 Wednesday

Thursday

16 Friday 17 Saturday

### 18 SUNDAY

19 Monday 20 Tuesday 21 Wednesday

22 Thursday 23 Friday 24 Saturday

### 25 SUNDAY

26 Monday Tuesday

Wednesday 20

31 Saturday

30 Friday

Duverney born, 1648.

Lavoisier born, 1743.

Sir A. Cooper born, 1768

Hey born, 1736.

Goethe born, 1749.

21 Monday

22 Tuesday 23 Wednesday

Thursday 24 25 Friday

26 Saturday

28 Monday

29 Tuesday 30 Wednesday 31 Thursday

# OCTOBER, 1889.

Tuesday Session opens. Wednesday

2 Thursday Friday Saturday

7 Monday 8 Tuesday

9 Wednesday Thursday

11 Friday

12 Saturday

### Vesalius died, 1564. 14 Monday

15 Tuesday 16 Wednesday

19 Saturday

Thursday 17 Thursday

Reamur died, 1757.

Baillie born, 1761.

Lectures began in Montreal Medical Institution in 1824. All Hallows Eve.

#### JANUARY, 1890. NOVEMBER, 1889. All Saints' Day T Friday r Wednesday 2 Saturday 2 Thursday 3 Friday 2 SUNDAY 4 Saturday 4 Monday 5 SUNDAY Tuesday 5 Tuesday 6 Wednesday 6 Monday Lectures resumed in Medical First lectures delivered in Med. Faculty, 1829. Bichat born, 1771. Thursday Tuesday 7 Thurse 8 Friday 7 Tuesday 8 Wednesday Faculty, Linacre born, 1460. o Thursday o Saturday 10 Friday 10 SUNDAY 11 Saturday 12 SUNDAY 11 Monday 12 Tuesday 13 Wednesday 12 Monday Lower born, 1653. Tuesday 14 Thursday Wednesday 15 Friday 15 Friday 16 Saturday Thursday Friday 17 Friday 18 Saturday 17 SUNDAY 18 Monday 19 SUNDAY Radcliffe born, 1650. 19 Tuesday 20 Wednesday 20 Monday Dr. Wm. Caldwell died, 1833. 21 Tuesday 21 Thursday 22 Wednesday 22 Friday 23 Thursday 23 Saturday 24 Friday 25 Saturday 24 SUNDAY 26 SUNDAY 25 Monday 26 Tuesday Monday Charter granted to Montreal Wednesday 27 Wednesday 28 Thursday Tuesday General Hospital, 1823. 20 Wednesday 29 Friday 30 Thursday 30 Saturday 31 Friday FEBRUARY, 1890. DECEMBER, 1889. 1 SUNDAY I Saturday 2 Monday 2 SUNDAY Tuesday 3 Wednesday 3 Monday Thursday Willis born, 1622. Tuesday 5 Thurse 6 Friday Wednesday Christmas Exam, in Botany. 5 Wednesday 7 Saturday Prof. Sutherland died, 1875. SSUNDAY 7 Friday 8 Saturday 9 Monday 9 SUNDAY 10 Tuesday 11 Wednesday 10 Monday 12 Thursday 11 Tuesday Class Examinations. 13 Friday John Hunter born, 1728. 12 Wednesday 14 Saturday 13 Thursday 15 SUNDAY 14 Friday 15 Saturday James McGill died, 1813. 16 Monday

17 Tuesday 18 Wednesday

Lectures close for the term.

Pott died, 1788.

Peyer born, 1653.

Boerhaave born, 1688.

Christmas,

19 Thursday 20 Friday

21 Saturday

23 Monday

26 Thursday

27 Friday 28 Saturday

30 Monday 31 Tuesday

24

25

22 SUNDAY

Tuesday Wednesday

29 SUNDAY

Laennec born, 1781

Abernethy born, 1697

Morgagni born, 1682

Albinus born, 1697

Assessors of C.P. & S. of the Province to be notified of examinations.

16 SUNDAY

Monday 17 Monday 18 Tuesday

19 Wednesday 20 Thursday

23 SUNDAY

26 Wednesday Thursday 27 Thurso 28 Friday

21 Friday

22 Saturday

24 Monday

25 Tuesday I Saturday

2 SUNDAY

3 Monday

Tuesday Wednesday Thursday

Friday Saturday

9 SUNDAY

10 Monday

Tuesday 12 Wednesday

13 Thursday

Friday 14 15 Saturday

16 SUNDAY

17 Monday Tuesday

19 Wednesday 20 Thursday

21 Friday 22 Saturday

23 SUNDAY

24 Monday Tuesday Wednesday

Thursday 27 Thurso 28 Friday

29 Saturday

30 SUNDAY

31 Monday

Clinical Examinations.

Lectures close.

Primary and Final Written Examinations.

Primary and Final Oral Examinations.

Prof. Howard died, 1889.

Thursday

Friday 3 Saturday

SUNDAY

Monday Tuesday Wednesday

Thursday o Friday 10 Saturday

11 SUNDAY

Monday 12

Tuesday 13 Wednesday

Thursday 15 Thurso 17 Saturday

18 SUNDAY 19 Monday

Tuesday 20 21 Wednesday 22 Thursday 23 Friday

24 Saturday

25 SUNDAY 26 Monday

Tuesday 27 28 Wednesday Thursday 29

30 Friday 31 Saturday Matriculation Examination of Quebec Medical Board at Montreal

Semi-annual Meeting of Quebec Med. Board at Montreal. Ed. Jenner born, 1749.

Heberden born, 1710

Professor Scott died, 1883.

Prof. G. W. Campbell died 1882.

APRIL, 1890.

Convocation for Medical Degrees.

Summer Session begins.

Annual Meet'g McGill Medi-

Sydenham born, 1624.

cal Society

Petit born, 1760.

Orfila born, 1787

Wednesday Thursday Friday

5 Saturday

Tuesday

6 SUNDAY

Monday Tuesday

9 Wednesday 10 Thursday

II Friday 12 Saturday

13 SUNDAY

14 Monday Tuesday 15

Wednesday Thursday

17 Thursd 18 Friday 19 Saturday

20 SUNDAY

21 Monday 22 Tuesday 23 Wednesday

Thursday

Friday 26 Saturday

27 SUNDAY

28 Monday 29 Tuesday 30 Wednesday

Candidates for Matriculation of Provincial Board to send fee, \$10, to Dr. F.W. Camp-bell, Montreal. Candidates for License to and fee, \$20, and credentials

1 SUNDAY

2 Monday

Tuesday Wednesday Thursday

Friday 7 Saturday

SSUNDAY

o Monday 10 Tuesday

11 Wednesday 12 Thursday

13 Friday 14 Saturday

15 SUNDAY

16 Monday 17 Tuesday 18 Wednesday Tuesday

19 Thursday 20 Friday

21 Saturday

22 SUNDAY

23 Monday 24 Tuesday 25 Wednesday

26 Thursday Friday 27 Friday 28 Saturday

29 SUNDAY

30 Monday

Corner-stone of Montreal General Hospital laid, 1821.

Eustachius died, 1574.

JUNE, 1890.

Rolando born, 1773.

Montreal Medical Institution became Med. Faculty, 1829. Summer Session closes.

The Librarian of the Faculty of Medicine has pleasure in acknowledging the following donations to the Library during the year ending 30th April, 1889:—

From the University of Oxford :-

S. J. Sharkey, M.D., F.R.C.P., on Spasm in Chronic Nerve Disease. Champney's Experimental Researches in Artificial Respiration in Still-born Children.

Haig.-Formation and Excretion of Uric Acid.

"the University of Nebraska:—
Bulletin of the Agricultural Experiment Station of Nebrask. Vol. II.
Swine Plague and its Causes.

the Montreal Medical Journal:—
Transactions of Academy of Medicine of Ireland. Vol. V.
Transactions of the Association of American Physicians. Vol. III.
Vol. IX.
Index Catalogue of Army Medical Museum Library, Washington.

the Summer Session Faculty:-Bryant's Diseases of the Breast. Johnson's Medical Lectures and Essays. Binel et Frère.—Animal Magnetism. Gerster's Antiseptic Surgery. Stimson's Fractures and Dislocations. 2 Vols. Weir Mitchell's Diseases of the Nervous System. Von Langenbeck's Vorlesungen über Akiurgie. Canton's Arcus Senilis. 2 Vols. Author's copy. The Healing Art. 2 Vols. Crocker on Diseases of the Skin. Ball on the Rectum. Hutchinson's Clinical Illustrations. 2 Vols., fol. Newman.-Surgical Diseases of the Kidney. Jessett.—Cancer of the Alimentary Tract. Holmes' Principles of Surgery. Ed. 1889. Everitt.—Doctors and Doctors.

"Dr. William Osler, F.R.C.P.:—
Four valuable old works and reports an Vaccination.
Surgical Words of J. Jones, M.D.

" Dr. George Fenwick:— Excision of the Knee.

Stokes on Fever.

" Dr. Girdwood:—
The British Medical Register for 1888.

" Dr. Wilkins:—
Denman's Midwifery. Illustrated.

" Dr. MacDonnell:— Die Krankheiten der Arbeiten.

" Dr. Shepherd:—

Hyde on Diseases of the Skin.

Humphry's Observations on Myology.

"Dr. J. C. Cameron:—
Transactions of International Medical Congress, 9th session. 5 Vols.
The Epitome. 8 Vols.
Fasciculi of Pathology; VI. N.S.S.

" Dr. J. S. Booth:—

Hutton on the —.

Morton on Lactation

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GOVERNOR GENERAL OF CANADA, &C.

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REV. JOHN COOK, D.D., Principal of Morrin College, Quebec.

REV. GEORGE CORNISH, M.A., LL.D., Elective Fellow, Faculty of Arts.

REV. D. H. MACVICAR, D.D., LL.D., Principal of the Presbyterian College, Montreal.

JOHN REDPATH DOUGALL, M.A., Representative Fellow in Arts.
REV. J. CLARK MURRAY, LL.D., Elective Fellow, Faculty of Arts.
HENRY T. BOVEY, M.A., C.E., Dean of the Faculty of Applied Science.
BERNARD J. HARRINGTON, B.A., Ph.D., F.G.S., Elective Fellow, Fac.
App. Science.

REV. E. I. REXFORD, B.A., Governors' Fellow.

REV. JOHN JENKINS, D.D., LL.D., Governors' Fellow.

Rev. CANON HENDERSON, M.A., D.D., (Dublin), Principal of the Montreal Diocesan Thoelogical College.

REV. GEORGE DOUGLASS, LL.D., Principal of the Montreal Wesleyan Theological College.

J. S. ARCHIBALD, M.A., D.C.L., Elective Fellow, Faculty of Law. GEORGE ROSS, M.A., M.D., Elective Fellow, Faculty of Medicine. JOHN S. HALL, B.A., B.C.L., Representative Fellow in Law. Rev. R. W. NORMAN, M.A., D.C.L., Governors' Fellow. S. P. ROBINS, M.A., LL.D., Principal of McGill Normal School.

FREDERICK W. KELLY, B.A., Ph.D., (Cornell), Representative Fellow in Arts.

REV. JAMES BARCLAY, M.A., (Glasgow), Governors' Fellow.

REV. JAMES BARCLAY, M.A., (Glasgow), Governors' Fellow.

ROBERT CRAIK, M.D., Dean of Faculty of Medicine.

A. W. BANNISTER, M.A., (Victoria), Principal of St. Francis College.

THOMAS A. ROGER, M.D., Representative Fellow in Medicine.

JEFFREY H. BURLAND, B.A.Sc., Representative Fellow in Applied Science.

MATTHEW HUTCHINSON, B.C.L., Representative Fellow in Law. WILFRID T. SKAIFE, B.A.Sc., Representative Fellow in Applied Science. Rev. WILLIAM M. BARBOUR, D.D., (Yale, U.S.), Principal of the Congregational College of British North America.

N. W. TRENHOLME, M.A., D.C.L., Dean of the Faculty of Law. WESLEY MILLS, M.A., M.D., Representative Fellow in Medicine.

(The Governors, Principal and Fellows constitute, under the Charter, the Corporation of the University, which has the power, under the Statutes, to frame regulations touching Courses of Study, Matriculation, Graduation and other Educational matters; and to grant Degrees.)

### OFFICE OF SECRETARY, REGISTRAR AND BURSAR:

[And Secretary of the Royal Institution.]

JAMES W. BRACKENRIDGE, B.C.L., Acting Secretary; Office, East Wing McGill College; Residence, 117 Shuter Street.

SAMUEL R. BURRELL, Clerk, 171 Jacques Cartier Street.

Office hours, 9 to 5.

### General Statement.

#### SESSION OF 1889-90.

The Fifty-seventh Session of the University, being the Thirty-sixth under the amended Charter, will commence in the Autumn of 1889.

By Virtue of the Royal Charter, granted in 1821, and amended in 1852, the Governors, Principal and Fellows of McGill College constitute the Corporation of the University; and, under the Statutes framed by the Board of Governors, with the approval of the Visitor, have the power of granting Degrees in all the Arts and Faculties, in McGill College, and Colleges affiliated thereto.

The Statutes and Regulations of the University have been framed on the most liberal principles, with the view of affording to all classes of persons the greatest possible facilities for the attainment of mental culture and professional training. In its religious character the University is Protestant, but not denominational; and while all possible attention will be given to the character and conduct of students, no interference with their peculiar religious views will be sanctioned.

The educational work of the University is carried on in McGill College, Montreal, and in the affiliated Colleges and Schools.

#### I.—McGILL COLLEGE.

THE FACULTY OF ARTS.—The complete course of study extends over four Sessions, of eight months each; and includes Classics and Mathematics, Experimental Physics, English Literature, Logic, Mental and Moral Science, Natural Science, and one Modern Language, or Hebrew. The course of study is, with few exceptions, the same for all students in the first two years; but in the third and fourth years extensive options are allowed, more especially in favour of the Honour Courses in Classics, Mathematics, Mental and Moral Science, Natural Science, English Literature and Modern Languages. Certain exemptions are allowed to professional students. The course of study leads to the Degrees of B.A., M.A., and LL.D.

THE DONALDA SPECIAL COURSE IN ARTS provides for the education of women, in separate classes, with course of study, exemptions and honours similar to those for men.

THE FACULTY OF APPLIED SCIENCE provides a thorough professional training, extending over three or four years, in Civil Engineering, Mechanical Engineering, Mining Engineering and Assaying, and Practical Chemistry, leading to the Degrees of Bachelor of Applied Science, Master of Engineering, and Master of Applied Science.

THE FACULTY OF MEDICINE.—The complete course of study in Medicine extends over four Sessions, of six months each, and one Summer Session of three months in the third Academic Year, and leads to the Degrees of M.D., C.M.

THE FACULTY OF LAW.—The complete course in Law extends over three Sessions of six months each, and leads to the Degrees of B.C.L. and D.C.L.\*

### II.—AFFILIATED COLLEGES.

Students of Affiliated Colleges are matriculated in the University, and may pursue their course of study wholly in the Affiliated College, or in part in McGill College, and may come up to the University Examinations on the same terms with the Students of McGill College.

- MORRIN COLLEGE, Quebec.—Is affiliated in so far as regards Degrees in Arts and Law. (Detailed information may be obtained from Rev. John Cook, D.D., Principal.)
- St. Francis College, *Richmond*.—Is affiliated in so far as regards the Intermediate Examinations in Arts. (Detailed information may be obtained from Principal Bannister, B.A., Richmond, P.Q.)

### III.—AFFILIATED THEOLOGICAL COLLEGES.

Affiliated Theological Colleges have the right of obtaining for their students the advantage, in whole or in part, of the course of study in Arts, with such facilities in regard to exemptions as may be agreed on, and a number of Free Tuitions are granted by the Board of Governors to the Students of these Colleges when matriculated in Arts.

- THE CONGREGATIONAL COLLEGE OF BRITISH NORTH AMERICA, Montreal. Rev. WILLIAM M. BARBOUR, D.D., 58 McTavish St.
- THE PRESBYTERIAN COLLEGE, MONTREAL, in connection with the Presbyterian Church in Canada. Principal, Rev. H. MacVicar, D.D., LL.D., 69 McTavish St.
- THE DIOCESAN COLLEGE OF MONTREAL. Principal, Rev. CANON HENDERSON M.A., D.D., 896 Dorchester St.
- THE WESLEYAN COLLEGE OF MONTREAL. Principal, REV. GEORGE DOUGLASS, LL.D., 228 University St.

[Calendars of the above Colleges and all necessary information may be obtained on application to their Principals.]

### IV.-McGILL NORMAL SCHOOL.

THE McGill Normal School provides the training requisite for Teachers of Elementary and Model Schools and Academies. Teachers trained in this School are entitled to Provincial Diplomas, and may, on conditions stated in the announcement of the School, enter the classes in the Faculty of Arts for Academy Diplomas and for the Degree of B.A. Principal, S. P. Robins, LL.D., 30 Belmont St., Montreal.

<sup>\*</sup> The complete Calendar, with information respecting all the Faculties, &c., may be obtained of J. W. Brackenridge, Esq., McGill College.

### V.—AFFILIATED HIGH SCHOOLS, ETC.

The Trafalgar Institute for the higher education of women, Simpson St., Montreal; Principal, Miss Grace Fairley. The High School of Montreal, Metcalfe St.; Principal, H. Aspinwall Howe, LL.D. The Girls' High School of Montreal, Metcalfe St.; Lady Principal, Mrs. H. H. Fuller. Prince of Wales' College, Charlottetown, P.E.I.; Bishop's College School, Lennoxville; St. Francis College School; Miss Symmers and Smith's School, Montreal; Eliock School, Montreal; Girls' High School, St. John, N.B.; Clarenceville Academy; Coaticook Academy; Cowansville Academy; Dunham Academy; Gould Model School; Huntingdon Academy; Inverness Academy; Knowlton Academy; Lachute Academy; Quebec High School; Quebec Girls' High School; Shawville Academy; Sherbrooke Boys' Academy; Sherbrooke Girls' Academy; Stanstead Wesleyan College; St. John's High School; Sutton Academy; Three Rivers Academy; Waterloo Academy; Waterville Academy.

## faculty of Medicine.

SIR WILLIAM DAWSON, C.M.G., LL.D., F.R.S., Principal and Professor of Natural History.

ROBERT CRAIK, M.D., Dean of the Faculty and Professor of Hygiene and Public

### EMERITUS PROFESSORS.

WILLIAM WRIGHT, M.D., Materia Medica, 84 St. Famille Street. DUNCAN C. MACCALLUM, M.D., Midwifery, 45 Union Avenue.

### PROFESSORS.

G. E. FENWICK, M.D., Professor of Surgery, 2356 St. Catherine Street.

G. P. GIRDWOOD, M.D., Professor of Chemistry, 54 Beaver Hall Hill.

George Ross, M.A., M.D., Professor of Medicine, 49 Union Avenue.

THOMAS G. RODDICK, M.D., Professor of Clinical Surgery, 80 Union Avenue.

WILLIAM GARDNER, M.D., Professor of Gynæcology, 109 Union Avenue.

FRANCIS J. SHEPHERD, M.D., Professor of Anatomy and Librarian of the Faculty, 152 Mansfield Street.

FRANK BULLER, M.D., Professor of Ophthalmology and Otology, 838 Dorchester Street.

AMES STEWART, M.D., Professor of Pharmacology and Therapeutics, and Registrar of the Faculty, 939 Dorchester Street.

GEORGE WILKINS, M.D., Professor of Medical Jurisprudence, and Lecturer on Histology, 898 Dorchester Street.

D. P. PENHALLOW, B.Sc., Professor of Botany.

R. L. MACDONNELL, B.A., M.D., Professor of Clinical Medicine, 117 Metcalfe Street.

WESLEY MILLS, M.A., M.D., Professor of Physiology, McGill College.

JAMES C. CAMERON, M.D., Professor of Midwifery and Diseases of Infancy 941 Dorchester Street.

### DEMONSTRATORS, INSTRUCTORS, &c.

R. F. RUTTAN, B.A., M.D., Lecturer on Chemistry, McGill College.

WILLIAM R. SUTHERLAND, M.D., Assistant Demonstrator of Anatomy, and Curator of the Museum, 764 Sherbrooke Street.

GEORGE W. MAJOR, B.A., M.D., Instructor in Laryngology, 82 Union Avenue. ALEX. D. BLACKADER, B.A., M.D., Instructor in Diseases of Children, 70

Beaver Hall Hill. WYATT G. JOHNSTON, M.D., Demonstrator of Pathology, McGill College. JAMES BELL, M.D., Assistant to the Chair of Clinical Surgery, 53 Union Avenue. T. JOHNSON ALLOWAY, M.D., Instructor in Gynæcology, 23 Mackay Street. F. G. FINLEY, M.D., Assistant Demonstrator of Anatomy, 801 Dorchester St.

### BENEFACTORS OF THE

# Haculty of Medicine.

### I.—LEANCHOIL ENDOWMENT.

Sir Donald A. Smith, K.C.M.G \$50,000
II.—CAMPBELL MEMORIAL ENDOWMENT.—\$63,000
Established to commemorate the services rendered to the Faculty

during forty years by the late Dean, George W. Campbell, M.D., LL.D.

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onto)	00	W.J. Derby, M.D. (Rockfaller,	5
C: A Th Colt	50	J. Gillies, M.D. (Teeswater, O)	5
Henry Lunam, B.A., M.D. (Campbellton, N.B.)		J. Gillies, M.D. (Teeswater, O)	
(Campbellton, N.B.)	50	J. B. Benson, M.D. (Chatham,	5
Griffith Evans, M.D. (Vet. De-		N.B.) M.D. (St. David	
nartment, Army)	20	L. A. Fortier, M.D. (St. David,	5
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pierville, Q.)	25	John Campbell, M.D. (Sea-	5
R. J. B. Howard, M.D	25	forth, O.)	0
		T a was rown	
III.—CAMERO	N OBST	PETRICAL ENDOWMENT.	
			0,000
Dr. J. C. Cameron		\$1	

# McGill University.— faculty of Medicine.

TIME TABLE—FIRST AND SECOND YEARS, 1888-89.

1.M.	Monday.	TUESDAY,	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Anatomy Examination.	Anatomy.	Anatomy.	Anatomy.	Anatomy,	Practical Physiology, 2nd Year,
)io	* Practical Chemistry, 2nd Year till 12 O'clock.	Practical Chemistry, 2nd. Botany, 1st Year.	Practical Chemistry, 2nd Year. Histology Lecture, 1st Year.	Practical Chemistry, Botany, 1st Year.	Practical Chemistry, 2nd Year.	Practical Chemistry. Practical Physiology. Histology Demonstration.
11	Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Montreal Gen'l Hospita
P.M. 2	Physiology Examination, 2nd Year.	Physiology, 2nd Year,	Physiology, 2nd Year.	Physiology, 1st Year.	Physiology, 1st & 2nd Year.	•
3	Chemistry Examination.	Chemistry.	Chemistry.	Chemistry.	Chemistry.	
4	Therapeutics Examination. Physiology, 1st Year.	Therapeutics.	Therapeutics. Physiology, 1st Year.	Therapeutics.	Therapeutics. Physiology, 1st Year.	
to 6		Practical Histology.		Practical Histology.		
to	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.

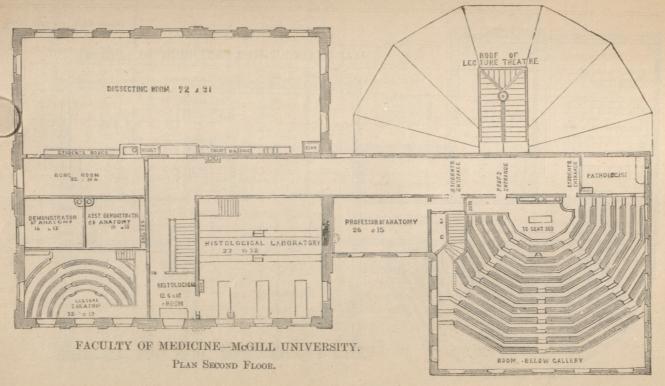
N.B.—The Demonstrators' Hours in the Dissecting Room are from 10-12 a.m., and from 8-10 p.m. \* Until Christmas only.

# McGill University.— Faculty of Medicine.

TIME TABLE—THIRD AND FOURTH YEARS, 1889-90.

						0
A. M.	Monday.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
	Midwifery.	Midwifery.	Gynæcology.	Midwifery.	Gynæcology.	
9	Surgery,	Conscient	Surgery.	Surgery.	Surgery.	Morbid Anatomy Demonstrations.
1	Examination.	Surgery.		Practice of Medicine.	Practice of Medicine.	
11	Practice of Medicine, Examination.	Practice of Medicine.	Practice of Medicine.			
P.M. 1-2.30	Medical Clinic, 4th Year. Surgical Clinic, 3rd Year.	Surgical Clinic, 4th Year Medical Clinic, 3rd Year	Medical Clinic, 4th Year Surgical Clinic, 3rd Year	Surgical Clinic, 4th Year Medical Clinic, 3rd Year	Medical Clinic, 4th Year Surgical Clinic, 3rd Year	r Surgical Clinic, 4th Year. r Medical Clinic, 3rd Year.
					Skin Clinic.	
2					Ophthalmic Clinic, Clinic on Diseases	
2.30	Ophthalmic Clinic.	Clinic on Diseases of Children.	Ophthalmic Clinic.		of Children.	
4	Therapeutics Examination.	Therapeutics.	Clinical Therapeutics, at the Hospital.		Therapeutics.	
3	Gynæcological Clinic.	General Pathology.		Lecture on Ophthalmology. Gynæcological Clinic.		Gynæcological Clinic.
5-6			Medical Jurisprudence Midwifery. 3rd Year only.		Medical Jurisprudence	





### faculty of Medicine.

THE PRINCIPAL (ex officio), SIR WM. DAWSON.

### Professors:

WRIGHT. Ross, WILKINS. MACCALLUM. RODDICK, PENHALLOW, CRAIK. GARDNER. MACDONNELL. FENWICK, SHEPHERD. MILLS. GIRDWOOD, BULLER. CAMERON. STEWART.

> Dean.—Robert Craik, M.D. Vice-Dean.—Geo. Ross, M.D. Registrar.—J. Stewart, M.D. Librarian.—F. J. Shepherd, M.D.

The Fifty-seventh Session of the Faculty will be opened on Tuesday, October 1st, 1889, by an introductory lecture at 3 p.m. The regular lectures will begin on October 2nd, at the hours specified in the time table, and will be continued for six months.

The Medical School of McGill University was founded in 1824 as the "Medical Institution" by Drs. John Stephenson, Andrew F. Holmes, William Robertson and William Caldwell. In 1829 the Medical Institution became the Medical Faculty of McGill College. There were no Sessions during the political troubles from 1836 to 1839, and it is owing to this gap that the present is the fifty-seventh Session of the Faculty. In reality this is the sixty-first Session of the School, which is the direct continuation of the Medical Institution.

The new building of the Medical Faculty, which was opened in the year 1885, is one of the most complete structures of its kind on this continent or elsewhere. It has been found admirably adapted for the fulfilment of the great aim of the Faculty—to make the teaching of the primary branches as practical and as thorough as possible. The facilities now possessed by the Faculty for the above purpose are equal to those of the most advanced European medical schools.

Through the great liberality of Sir Donald A. Smith in founding the "Leanchoil Endowment," and of the citizens of Montreal and Medical Graduates in subscribing to the "Campbell Memorial Fund," the Faculty are enabled to conduct and maintain the teaching of the different branches in a high state of efficiency.

### Laboratories, &c.

In addition to the laboratories and dissecting room, there are two large lecture rooms, each capable of comfortably seating 300 students, and one small demonstration room for classes of 50 and under. The space allotted to the library and museum has been largely increased. A large reading room, with waiting and cloak rooms, have been provided for students.

### Dissecting Room.

The Dissecting Room, which is situated on the second floor, is 76 feet in length and 31 feet in breadth. It is furnished with twenty tables, and is well lighted for work during the day and night. In procuring appliances for the comfort and convenience of the students, no reasonable expense has been spared.

In connection with the dissecting room, there is a "Bone room," where students have an excellent opportunity of studying osteology. There are also two distinct rooms for the demonstrators of anatomy

### Physiological Laboratory.

The Physiological Laboratory, which is situated on the ground floor, is supplied with the most modern apparatus for the practical teaching of this most important branch of the medical curriculum. It contains amongst other valuable instruments: kymographs, various manometers, &c., for demonstrating blood pressure; myographs, rheocords, moist chambers, &c., and various electrical appliances for demonstrating experiments in connection with nerve and muscle; special apparatus for illustrating various points in respiration; apparatus specially suitable for demonstrating the processes of digestion, as well as the chemical composition and nature of the secretions, and the chief constituents of the tissues and nutritive fluids. The laboratory is arranged in such a way as to permit of students assisting at, and taking part in, these demonstrations. During the past session important additions have been made to the apparatus of the physiological laboratory.

### Histological Laboratory.

The Histological Laboratory is a large, well lighted room on the second floor. It is so arranged that over eighty students can be present at the microscopical demonstrations. For this purpose it is supplied with thirty-five microscropes, all from the well-known makers, Zeiss, Hartnack and Leitz. From the large number of microscopes employed, students will have special facilities in studying and making themselves thoroughly acquainted with the specimens that are the subjects of demonstration.

### Pharmacological Laboratory.

The Pharmacological Laboratory is a large room situated on the ground floor, and is now furnished with the necessary appliances for the practical teaching of pharmacy. It is hoped that before another session passes away, the apparatus necessary for the demonstration of the more important actions of many drugs will be in possession of the Faculty.

### Chemical Laboratory.

The Chemical Laboratory is large, lofty, and well lighted, and can accommodate comfortably 76 men at one time. Each student, when entering on this course, has a numbered table in the laboratory assigned to him for his use during the session. Each table has its own gas and water fixtures, and is provided with shelves for its corresponding set of reagent-bottles, as well as a drawer and locker containing a modern set of chemical apparatus especially adapted for the work. This apparatus is provided by the Professor of Chemistry, and supplied to each student without extra charge. The student is only required to pay for apparatus broken or destroyed.

The laboratory is furnished with a large draught closet for ventilation, sulphuretted hydrogen apparatus, gas and combustion furnaces, &c., giving to the student unsurpassed advantages for acquiring a sound and practical knowledge of medical chemistry.

### Pathological Laboratory.

In the Pathological Laboratory accommodation will be provided for students or practitioners who desire to carry on private pathological research.

The recent additions made to the laboratory include a suite of rooms exclusively devoted to the study and culture of Bacteria, furnished with a complete outfit of the best modern apparatus for this purpose, including sterilizer, thermostat, &c., &c.

The demonstrations in Morbid Anatomy will be given in a small

laboratory specially arranged for the work.

The classes in Pathological Histology will be held in the Histological Laboratory.

The class tickets for the various courses are accepted as qualifying candidates for examination before the various Colleges and Licensing bodies of Great Britain and Ireland, and the College of Physicians and Surgeons of Ontario. The degree in Medicine of this University carries with it at the Licensing Boards of Great Britain the same exemptions in certain subjects as are granted to all colonial degrees.

To meet the circumstances of the General Practitioners in British North America, where there is no division of the profession into Physicians and Surgeons exclusively, the degree awarded upon graduation is that of "Doctor of Medicine and Master of Surgery," in accordance with the general nature and character of the curriculum, as fully specified hereafter. The degree is received by the College of Physicians and Surgeons of the Province of Quebec.

I.

### MATRICULATION.

It is very important that intending Students should bear in mind the following:—

- (1.) If residents of Ontario, and desirous of obtaining the license of that Province, they must conform to the regulations regarding the Preliminary Examination, and register before beginning their medical studies. (See page 26.)
- (2.) If residents of the Province of Quebec, and desirous of obtaining the license of that Province, they must pass the Matriculation Examination of the Quebec Medical Board before beginning their medical studies. (See page 25.)

In the event of a resident in the Province of Quebec producing a Certificate of Matriculation from any of the other Provinces of the Dominion he will be required to make a declaration that he had not obtained it with the object of avoiding the examination of the Quebec Medical Board.

(3.) Residents of the Maritime Provinces, Manitoba, or British Columbia may either pass the Preliminary Examination of their respective Medical Boards or the Matriculation Examination of this University.

### (A).—UNIVERSITY MATRICULATION EXAMINATION.

The Preliminary Examinations in General Education of the following Bodies is accepted by the University in lieu of its own Matriculation Examination:—

- 1. The College of Physicians and Surgeons, Ontario.
- 2. The College of Physicians and Surgeons, Quebec.
- 3. The New Brunswick Medical Board.
- 4. The Nova Scotia Medical Board.
- 5. The Manitoba Medical College.

Graduates and Matriculates in Arts of all recognized Universities are exempt from matriculation. Any student who is unable to present proof of having passed any one of the above or other equally satisfactory examination, will be required to undergo the matriculation examination either in Arts or Medicine of this University.

The matriculation in Arts is held twice yearly: on the 1st of June and following days, and on the 16th of September and following days.

The subjects for examination are Classics, Mathematics and English.

Greek .-- Xenophon, Anabasis, Book I.; Greek Grammar.

Latin-Cæsar, Bell. Gall. Book I.; and Virgil, Æneid, Book I. lines 1-300; Latin Grammar.

Mathematics.—Arithmetic; Algebra, to simple equations (inclusive); Euclid's Elements, Books I., II., III.

English.—Writing from Dictation. A paper on English Grammar, including Analysis. A paper on the leading events of English history. Essay on a subject to be given at the time of the examination.

An equivalent amount of other books or other authors in Latin or Greek than those named may be accepted by the Examiners, on application made through the Professor of Classics.

The Medical Matriculation Examination is the same as that

required by the Medical Council of Great Britain.

Examinations in conformity therewith will be held on the last Friday and Saturday in March and the last Friday and Saturday in September of each year. Applications may be made to Dr. Howe, the Examiner till the evening of the previous day. The requirements of the standard for Matriculation are:—(1) English Language, including Grammar and Composition.\* (2) English History. (3) Modern Geography. (4) Latin, including Translation from the original and Grammar. (5) Elements of Mathematics, comprising (a) Arithmetic, including Vulgar and Decimal Fractions; (b) Algebra, including simple Equations; (c) Geometry, including the first two books of Euclid or the subjects thereof. (6) Elementary Mechanics of Solids and Fluids, comprising the elements of Statics, Dynamics and Hydrostatics. (7) One of the following optional subjects:—(a) Greek, (b) French, (c) German, (d) Italian, (e) any other modern language, (f) Logic, (g) Botany, (h) Elementary Chemistry.

<sup>\*</sup> The ability of the candidate will be fully tested in the following;—"(1) To write sentences in English on a given theme, attention being given to spelling and punctuation as well as to composition; (2) to write correctly from dictation; (3) to explain the grammatical construction of sentences; (4) to point out the grammatical errors in sentences ungrammatically composed, and to explain their nature; and (5) to give the derivation and definition of English words in common use."

Text-Books—Latin: Cicero, in Catalinam I.; or Virgil, Æneid, Bk. I.

GREEK.—Xenophon, Anabasis, Bk. I., or Homer's Iliad, Bk. IV.

FRENCH.—Voltaire's Charles XII., Books I. and II.

NATURAL PHILOSOPHY .- Ganot's Physics, Books I., II. and III.

BOTANY.—Gray's "How Plants Grow."

ELEMENTARY CHEMISTRY.—Storer and Elliott's Manual.

### (B).—MATRICULATION EXAMINATION

OF THE

### COLLEGE OF PHYSICIANS AND SURGEONS OF QUEBEC.

- LATIN.—Cæsar's Commentaries, Bks. I., II., III., IV., V.—Virgil's Æneid, Bks. I. and II.—The Odes of Horace, Bk. III.
- English.—Sprague's "Six Selections from Washington Irving's Sketch Book."—A play of Shakespeare, viz., "Coriolanus" for 1889, and "Richard III." for 1890.
- French.—Fénélon's "Aventures de Télémaque."—A French play, viz., Molière, "Le Bourgeois Gentilhomme" and La Fontaine's "Fables," Books I., II., III., for 1889 and 1890.
- Belles Lettres and Rhetoric.—Principles of the subject. History of the Literature of the age of Pericles in Greece, of Augustus in Rome, of Elizabeth in England, Louis XIV. in France, and of the 17th and 18th centuries of both countries.
- HISTORY.—Outlines of the History of Greece and Rome, with particular knowledge of England, France and Canada.
- Geography.—A general view, with particular knowledge of England, France and North America.
- ARITHMETIC.—Must include Vulgar and Decimal Fractions, Simple and Compound Proportion, Interest and Percentages, and Square Root.
- ALGEBRA.—Must include Fractions and Simultaneous Equations of the First Degree.
- GEOMETRY.—Euclid, Books I., II., III., IV. and VI., or the portion of Plane Geometry covered by those Books. Also the measurement of the lines, surfaces and volumes, of regular geometrical figures.

### OPTIONAL SUBJECTS.

Greek.—Xenophon's Anabasis, Book I.—Homer's Iliad, Book I.

Physics.—Outlines of the subject, as in Ganot's Physics, translated by Atkinson.

Philosophy.—Elements of Logic and of Moral Philosophy, as in Jevon's Logic and Calderwood's Hand-book of Moral Philosophy.

The Examinations will be held upon the 19th of September, 1889, at Quebec, and on the 4th of May, 1890, at Montreal. Applications to be made to Dr. F. W. Campbell, Montreal, or Dr. Belleau, Quebec, either of whom will furnish schedule giving text books and percentage of marks to be obtained.

Examination Fee, ten dollars. Should the candidate be unsuc-

cessful, one half of the fee will be returned.

Of the four years' study after having passed the Matriculation Examination, three six months' sessions, at least, must be attended at a University, College, or Incorporated School of Medicine, recognized by the "Provincial Medical Board." The first session must be attended during the year immediately succeeding the Matriculation Examination, and the final session must be in the fourth year.

### (c).-MATRICULATION EXAMINATION

OF THE

### COLLEGE OF PHYSICIANS AND SURGEONS OF ONTARIO.

On and after July 1st, 1888, every one desirous of being registered as a Matriculated Medical Student in the Register of this College, except as hereinafter provided, must present to the Registrar, Dr. Pyne, Toronto, the official certificate of having passed the 2nd class Teachers' examination with Latin option; whereupon he shall be entitled to be so registered upon the payment of twenty dollars and giving proof of his identity.

Graduates in Arts, or Students having matriculated in Arts in any University in Her Majesty's Dominions are not required to pass the Matriculation Examination, but may register their names with the Registrar of the College, upon giving satisfactory evidence of their qualifications and upon paying the fee of twenty dollars.

II.

### ENREGISTRATION.

The following are the University Regulations:-

All Students desirous of attending the Medical Lectures shall, at the commencement of each Session, enrol their names and residences in the Register of the Medical Faculty.

The said Register shall be closed on the last day of October in each year. Fees are payable to the Registrar, and must be paid in advance (except under special circumstances) at the time of enregistration.

Enregistration in the Summer Session is compulsory upon all Students, whether attending one or more of the classes.

III.

### COURSES OF LECTURES.

#### ANATOMY.

(DESCRIPTIVE AND PRACTICAL).

PROFESSOR FRANCIS J. SHEPHERD.

John Stephenson, 1824. OLIVER T. BRUNEAU, 1842. WILLIAM E. SCOTT, 1856. Francis J. Shepherd, 1883.

Anatomy is taught in the most practical manner possible, and its relation to Medicine and Surgery fully considered. The lectures are illustrated by the fresh subject, moist and dry preparations, sections, models and plates, and drawings on the blackboard.

The department of *Practical Anatomy* is under the direct control and personal supervision of the Professor of Anatomy, assisted by his staff of Demonstrators.

The methods of teaching are similar to those of the best European schools, and Students are thoroughly grounded in this branch.

Every Student must be examined at least three times in each part dissected, and no certificate is given unless the examinations are satisfactory.

Special Demonstrations on the Brain, Thorax, Abdomen, Bones, &c., are frequently given. Prizes are awarded at the end of the Session for the best examination on the fresh subject.

The Dissecting Room is open from 8 a.m. to 10 p.m. Abundance of material provided.

### CHEMISTRY.

PROFESSOR GILBERT P. GIRDWOOD.

LECTURER, R. F. RUTTAN.

Andrew F. Holmes, 1824. William Sutherland, 1849.

Archibald Hall, 1842. Robert Craik, 1867.

GILBERT P. GIRDWOOD, 1879.

Inorganic Chemistry is fully treated; a large portion of the course is devoted to Organic Chemistry and its relations to Physiology. The branches of Physics bearing upon or connected with Chemistry also engage the attention of the Class. For experimental illustration abundant apparatus is possessed by the College.

The Chemical Laboratory will be open to members of the class to repeat experiments performed during the course, under the superintendence of the Professor or Lecturer.

### PRACTICAL CHEMISTRY.

PROFESSOR GILBERT P. GIRDWOOD. LECTURER, R. F. RUTTAN.

The course in practical chemistry includes two hours' laboratory work three times a week for three months. The Students are instructed individually in chemical manipulations, blow-pipe analysis, and qualitative determination of the salts, acids, &c., they will require to use in practice. They are required before finishing their course to be familiar with the principles of practical Forensic and Sanitary Chemistry. Special attention is directed to instructing the Student

in making accurate notes of his experiments and his conclusions. These notes are examined daily and criticised.

#### PHYSIOLOGY.

#### PROFESSOR WESLEY MILLS.

JOHN STEPHENSON, 1824. WILLIAM FRASER, 1849.
STEPHEN C. SEWELL, 1842. JOSEPH M. DRAKE, 1872.
ROBERT L. MACDONNELL, 1845. WILLIAM OSLER, 1874.

WESLEY MILLS, 1886.

The purpose of this Course is to make Students thoroughly acquainted, as far as time permits, with modern Physiology: its methods, its deductions, and the basis on which the latter rest. Accordingly a full course of lectures is given, in which both the Experimental and Chemical departments of the subject receive attention.

In addition to the use of diagrams, plates, models, &c., every department of the subject is experimentally illustrated. The experiments are free from elaborate *technique*, and many of them are of a kind susceptible of ready imitation by the Student.

### Laboratory work for Senior Students:-

- (1.) During the first part of the Session there will be a course on Physiological Chemistry, in which the Student will, under direction, investigate food stuffs, digestive action, blood, and the more important secretions and excretions, including urine. All the apparatus and material for this course will be provided.
- (2.) The remainder of the Session will be devoted to the performance of such experiments as are unsuitable for demonstration to a large class in the lecture room, and such as require the use of elaborate methods, apparatus, &c.

#### HISTOLOGY.

#### PROFESSOR GEO. WILKINS.

This will consist of a course of ten lectures and twenty-five weekly demonstrations with the Microscope, besides a short course in the preparation and mounting of specimens. As the demonstrations will

be chiefly relied upon for teaching the Microscopic Anatomy of the various structures, the specimens under observation will then be minutely described. Plates and diagrams specially prepared for these lectures will be freely made use of.

### PHARMACOLOGY AND THERAPEUTICS.

PROFESSOR JAMES STEWART.

ANDREW F. HOLMES, 1824.
ARCHIBALD HALL, 1835.
STEPHEN C. SEWELL, 1842.

A. Hall, 1849. William Wright, 1854. James Stewart, 1883.

The course on this subject comprises:

I. A description of the Pharmacology and Therapeutics of the

more important medicinal agents.

II. The delivery of a weekly lecture ("Clinical Therapeutics") in the theatre of the General Hospital on some case or groups of cases well adapted for illustrating important points in both general and special Therapeutics. The material for these lectures is abundant, being obtained from both the wards and the out door clinics. Electro Therapeutics will also be dealt with in this part of the course.

III. The attendance during the summer session of a course on Practical Materia Medica.

### MEDICINE.

### PROFESSOR GEORGE ROSS.

WILLIAM CALDWELL, 1824. ANDREW F. HOLMES, 1842. WILLIAM ROBERTSON, 1833. R. PALMER HOWARD, 1860. GEORGE Ross, 1889.

While the lectures on this subject are mainly devoted to Special Pathology and Therapeutics, no opportunity is lost of illustrating and explaining the *general* laws of disease. With the exception of certain affections seldom or never observed in this country, all the important internal diseases of the body, except those peculiar to Women and children, are discussed, and their Pathological Anatomy illustrated by the large collection of morbid preparations in the University Museum, and by fresh specimens contributed by the Demonstrator of Morbid Anatomy.

The College possesses an extensive series of Anatomical plates

illustrative of the Histological and Anatomical appearances of disease, and the wards of the General Hospital afford the lecturer ample opportunities to refer to living examples of very many of the maladies he describes, and to give the results of treatment.

### CLINICAL MEDICINE.

PROFESSOR R. L. MACDONNELL.

ROBT. L. MACDONNELL, 1849. JOSEPH M. DRAKE, 1868. STEPHEN C. SEWELL, 1850. R. PALMER HOWARD, 1856.

James Crawford, 1845 and 1852. Duncan C. MacCallum, 1860 GEORGE Ross, 1872. RICH'D L. MACDONNELL, 1889.

Attendance is given in the Medical Wards of the Montreal General Hospital on three days of every week with the 3rd year students, and three days with those of the 4th year. Accurate reports of all cases are kept by duly appointed clinical clerks, and are systematically read before the class. Instruction is given at the bedside, and special inducements are offered to every pupil to take part in the physical examination of patients. The mode of conducting investigations, the use of the microscope, the value of the thermometer and ophthalmoscope, &c., in medical diagnosis, are all explained and illustrated. Senior Students are called upon in rotation to examine new cases before the class, and to be examined thereon as to their general knowledge. In addition, one weekly Clinical Lecture is delivered, bearing upon some case or cases of importance which may happen to be under observation at the time. Special attention is directed to Medical Anatomy, and candidates for the degree will be examined thereon.

#### SURGERY.

PROFESSOR GEO. E. FENWICK.

JOHN STEPHENSON, 1824. G. W. CAMPBELL, 1835. GEO. E. FENWICK, 1875.

The first part of this course consists of Surgical Pathology, illustrated by a large collection of preparations from the College Museum, also specimens as they are obtained from cases under observation at the Hospital, and contributed to that collection by the Hospital pathologist and from private sources. The second part of the course is devoted to the practice of Surgery, in which attention is drawn to cases which have been observed by the class during the previous summer session. The various surgical appliances are exhibited, and their uses and application explained. Surgical Anatomy and Operative Surgery form a special department of this course, and Quain's and Maclise's plates are used in illustration.

### CLINICAL SURGERY.

PROFESSOR THOMAS G. RODDICK.

James Crawford, 1845. WILLIAM E. SCOTT, 1852. DUNCAN C. MACCALLUM, 1856. ROBERT CRAIK, 1860. GEORGE E. FENWICK, 1867. THOMAS G. RODDICK, 1875.

This course is eminently practical, consisting of bedside instruction and lectures delivered weekly, illustrative of surgical cases actually present in the wards of the General Hospital. The class is separated into junior and senior divisions which are taken charge of by the Professor on alternate days, when the reports of the Clinical clerks are read and criticised, and fresh cases are examined by the senior students. The surgical dressings are, as much as possible, reserved for these occasions, so as to give all present an opportunity of participating in the application of splints to fractures, dressing of wounds, minor operations, &c. Major operations are performed in the theatre attached to the Hospital, which is so constructed that the most distant can obtain a fair view of the operations. All the recently invented appliances for the treatment of surgical disease have been introduced into the Hospital.

### MIDWIFERY.

PROFESSOR J. C. CAMERON.

WILLIAM ROBERTSON, 1824.
JOHN RACEY, 1833.
GEO. W. CAMPBELL, 1835.
MICHAEL McCulloch, 1842.

Archibald Hall, 1854.

Duncan C. MacCallum, 1868.

Arthur A. Browne, 1883.

J. C. Cameron, 1886.

This course will embrace: 1. Lectures on the principles and practice of the obstetric art, illustrated by diagrams, fresh and preserved specimens, the artificial pelvis, complete set of models illustrating deformities of the pelvis, wax preparations, bronze mechanical pelvis, &c. 2. Bedside instruction in the Montreal Maternity, including external palpation, pelvimetry, the management and after-treatment of cases. 3. A complete course on obstetric operations with the phantom and preserved focuses. 4. The Diseases of Infancy.

5. A course of individual clinical instruction at the Montreal Maternity.

Arrangements have now been made for a graded course in Obstetrics, instruction being given separately to third year and final students.

#### GYNÆCOLOGY.

PROFESSOR WM. GARDNER, 1883.

The course on this subject will comprise two lectures a week throughout the session. The anatomy and physiology of the parts concerned will be first discussed. Then the various methods of examination will be fully described, the necessary instruments exhibited, and their uses explained. After this, the diseases peculiar to the sex will be considered as fully as time will permit, in the following order:—Disorders of Menstruation; Leucorrhæa, its causes and treatment; Pelvic Cellulitis and Peritonitis; Lacerations of the Cervix Uteri and Perineum; Urinary and Fæcal Fistulæ; Inflammations of the Uterus; Displacements of the Uterus; Tumors of the Uterus: Diseases of the Ovaries.

The lectures will be illustrated as fully as possible by drawings and morbid specimens. The Gynæcological Clinic of the General Hospital furnishes the Professor with ample material to illustrate the subjects considered in the didactic lectures.

#### MEDICAL JURISPRUDENCE.

PROFESSOR GEO. WILKINS.

WILLIAM FRASER, 1845.
FRANCIS BADGLEY, 1849.
FRANCIS C. T. ARNOLDI, 1850.
WILLIAM E. SCOTT, 1851.
WILLIAM WRIGHT, 1852.

R. Palmer Howard, 1854. Duncan C. MacCallum, 1860. George E. Fenwick, 1867. William Gardner, 1875. George Wilkins, 1883.

This course includes Insanity, the subject being treated of in its Medical as well as Medico-Legal aspects. Special attention is devoted to the subject of blood stains, the Clinical, Microscopic and Spectroscopic tests for which are fully described and shown to the class. The various spectra of blood in its different conditions are shewn by Zeiss' Microspectroscope, so well adapted for shewing the reactions with exceedingly minute quantities of suspected material. Recent

researches in the diagnosis of human from animal blood are alluded to. In addition to the other subjects usually included in a course of this kind, Toxicology is taken up. The modes of action of poisons, general evidence of poisoning and classification of poisons are first treated of, after which the more common poisons are described, with reference to symptoms, post-mortem appearances, and chemical tests. The post-mortem appearances are illustrated by plates, and the tests are shown to the class.

### OPHTHALMOLOGY AND OTOLOGY.

PROFESSOR FRANK BULLER, 1883.

Will include a course of lectures on diseases of the Eye and the Ear, both Didactic and Clinical. In the former, the general principles of diagnosis and treatment will be dealt with; in the latter, cases illustrative of the typical forms of ordinary diseases of these organs will be exhibited and explained to the class, and afterwards placed under the special care of gentlemen who may show themselves competent to take charge of them. A course of Operations on the cadaver will be open to such students as may wish to avail themselves of the same.

### HYGIENE AND PUBLIC HEALTH.

PROFESSOR ROBERT CRAIK.

GEORGE ROSS, 1871. THOMAS G. RODDICK, 1873. ROBERT T. GODFREY, 1875. WILLIAM GARDNER, 1879. R. L. MacDonnell, 1886. Robert Craik, 1889.

This course comprises lectures on Drinking Water and Public Water Supplies; conditions of Soil and Water as affecting health, including Drainage and the various methods for the removal of Excreta; the Atmosphere, including Heating and Ventilation; Individual Hygiene, comprising the subjects of Food and Drink; Physical Exercise and Bathing; discussion of the respective merits of the various forms of each, precautions, contra-indications, &c. Village Sanitary Associations; Mutual Protective Sanitary Associations for cities.

#### PROFESSOR D. P. PENHALLOW.

ANDREW F. HOLMES, 1829. JAMES BARNSTON, 1857.

Dr. Papineau, 1845.
J. W. Dawson, 1855.

D. P. PENHALLOW, 1883.

The course in Botany includes General Morphology, Histology, Physiology and Classification. It is designed to give special prominence to Physiology, which will be made comparative whenever practicable. The course is illustrated by the microscope and gas microscope, and by the collection, models and apparatus in the Peter Redpath Museum.\*

### ZOOLOGY.

#### PROFESSOR SIR WILLIAM DAWSON.

This course includes a systematic study of the classification of animals, illustrated by Canadian examples and by the collections in the Peter Redpath Museum. It forms a suitable preparation for collecting in any department of Canadian Zoology and Palæontology, and an introduction to Comparative Physiology. It may be taken instead of Botany, or along with it, without any additional fee.

Students in Botany or Zoology will receive tickets to the Peter Redpath Museum, and to the Museum of the Natural History Society of Montreal.

#### PATHOLOGY.

#### W. G. JOHNSTON, DEMONSTRATOR.

### This Course comprises:—

- 1. Twenty-five lectures on General Pathology to students of the 3rd year.
- 2. Weekly Pathological Demonstrations to students of the 3rd year. The gross and microscopic appearances of specimens collected during the week, are demonstrated to the final classes. In addition, special demonstrations in Pathological Histology are given throughout the session.

<sup>\*</sup> Exemptions from Botany in the Matriculation, for Arts' Students, do not entitle Students to exemptions in the First year.

3. Instruction in Post-Mortems. The Autopsy Room of the General Hospital is in charge of the Demonstrator. The post-mortems are performed by the students in rotation under his direction, and systematic demonstrations of post-mortem methods, including those to be followed in Medico-Legal cases, will also be given.

### PRACTICAL MICROSCOPY.

This is an entirely optional course, and will be in charge of Prof. Wilkins, who will have Dr. Johnston, the Demonstrator of Pathology, associated with him. It is intended especially for teaching the technique of Microscopy. Students will be shewn how to examine blood, &c., fresh specimens and morbid products, also to cut, stain, and mount specimens. For this purpose they will have furnished them both normal and diseased structures, with which they will be able to secure a cabinet of at least 100 specimens, which will be of great benefit when in practice. Reagents and everything, except cover-glasses and cabinet cases, provided. Fee \$12.

# Extracts from the University Regulations with respect to the Courses of Lectures:—

1st. Each Professor shall deliver at least five Lectures during the week, except in Medical Jurisprudence and Botany, if extended through six months, in which case three Lectures a week will suffice.

2nd. Every Lecture shall be of one hour's duration.

3rd. Every Professor shall occasionally examine his class upon the subjects treated of in his preceding Lectures, and every such examination shall be considered as a Lecture.

4th. A roll of the names of the Students attending such class shall be called from time to time.

IV.

### QUALIFICATIONS FOR THE DEGREE.

The following are Extracts from the Regulations respecting the qualifications of Candidates for the Degree in Medicine:—

No one entering after October 1st, 1884, will be admitted to the Degree of Doctor of Medicine and Master of Surgery, who shall not have attended Lectures for a period of at least four six months' sessions and one three months' summer session\* in this University, or some other University, College or School of Medicine, approved of by this University.

2nd. Candidates for Final Examination shall furnish Testimonials of attendance on the following branches of Medical Education, viz.:—

ANATOMY.
PRACTICAL ANATOMY.
PHYSIOLOGY.
CHEMISTRY.
MATERIA MEDICA AND THERAPEUTICS.
PRINCIPLES AND PRACTICE OF SURGERY.
MIDWIFERY AND DISEASES OF WOMEN AND
CHILDREN.
THEORY AND PRACTICE OF MEDICINE.
CLINICAL MEDICINE.

Of which Two Courses will be rerequired of Six Months' duration.

MEDICAL JURISPRUDENCE.

CLINICAL SURGERY.

PRACTICAL CHEMISTRY.
BOTANY OR ZOOLOGY.
HYGIENE AND PUBLIC HEALTH.

HISTOLOGY.

GENERAL PATHOLOGY.

Of which One Course of Six Months, or Two Courses of Three Months will be required.

Of which One Course will be required of Three Months' duration.

Ten Lectures and Twenty-five Demonstrations.

Twenty-five Lectures.

Provided, however, that Testimonials equivalent to, though not precisely the same as those above stated, may be presented and accepted.

3rd. The Candidates must give proof by ticket of having attended during eighteen months the practice of the Montreal General Hospital, or of some other Hospital approved of by this University, and of having compounded medicines for six months.

<sup>\*</sup> To be taken after 3rd Winter Session.

4th. He must also give proof by ticket of having attended for at least six months the practice of the University or other Lying-in-Hospital approved of by this University, and of having attended at least six cases of labor.

5th. No one will be permitted to become a Candidate for examination who shall not have attended at least one Session of this University, and one full course of all the branches included in its curriculum.

6th. Courses of less length than the above will only be received for the time over which they have extended.

7th. Students, except by special permission of the Faculty, must pursue the subjects of Anatomy, Chemistry, Histology and Botany in their first session, and are advised to take Physiology in addition.

8th. Candidates who fail to pass in not more than two subjects of the first two years may be granted a supplemental examination at the beginning of the following session.

9th. Supplemental examinations will not be granted, except by special permission of the Medical Faculty, and on written application stating reasons.

10th. No candidate will be permitted to proceed with the work of the final year until he has passed all the subjects comprised in the Primary examination.

11th. Candidates who fail to pass in a subject of which two courses are required, may, at the discretion of the Faculty, be required to attend a third course, and furnish a certificate of attendance thereon.

A course in Practical Anatomy will be accepted as equivalent to a third course of lectures in General and Descriptive Anatomy.

12th. The requirements for the summer session, when as at present taken after the third winter session, shall be:—

- (a.) Daily Hospital attendance;
- (b.) Maternity attendance; and
- (c.) Any two weekly clinics in addition to the clinics on General Medicine and Surgery.

13th. Every Candidate for the Degree must, on or before the first day of March, present to the Registrar of the Medical Faculty testimonials of his qualifications, entitling him to an examination, and must at the same time deliver to the Registrar of the Faculty the following Certificate:—

MONTREAL, —— 18-

I, the undersigned, being desirous of obtaining the Degree of Doctor of Medicine and Master of Surgery, do hereby declare that I have attained the age of twenty-one years, or (if the case be otherwise), that I shall have attained the age of twenty-one years before the next graduation day, and that I am not (or shall not be at that time) under articles as a pupil or apprentice to any Physician, Surgeon, or Apothecary.

(Signed), A.B.

14th. The trials to be undergone by the Candidate shall be such as are referred to under Section V.

15th. The following Oath or affirmation will be exacted from the Candidate before receiving his degree:—

#### SPONSIA ACADEMICA.

In Facultate Medicinæ Universitatis.

Ego, A—— B——, Doctoratus in Arte Medica, titulo jam donandus, sancto coram Deo cordium scrutatore, spondeo;—me in omnibus grati animi officiis erga hanc Universitatem, ad extremum vitæ halitum, perseveraturum; tum porro artem medicam caute, caste, et probe exercitaturum; et quoad in me est, omnia ad ægrotorum corporum salutem conducentia, cum fide procuraturum; quæ denique, inter medendum, visa vel audita silere conveniat, non sine gravi causa vulgaturum. Ita præsens mihi spondenti adsit Numen.

16th. The fee for the Degree of Doctor of Medicine and Master of Surgery shall be thirty dollars, to be paid by the successful candidate immediately after examination.

#### V.

### EXAMINATIONS.

Weekly examinations are held to test the progress of the Student; and in addition two or three written examinations are given throughout the Session.

The examinations at the close of each Session are arranged as follows:—

### First Year.

Pass Examination in BOTANY and HISTOLOGY.

Sessional Examination in ANATOMY, CHEMISTRY, and PHYSI-OLOGY.

A maximum of one hundred marks will be allowed for the Sessional Examination in each subject, which marks shall be reckoned in the ranking of the candidate after the examination of the following year.

#### Second Year.

Pass Examination in ANATOMY, CHEMISTRY, PRACTICAL CHEMISTRY and Physiology.

Sessional Examination in PHARMACOLOGY and THERAPEUTICS.

One hundred marks will be allowed for the Sessional Examination, which marks shall be reckoned in the ranking of the candidate after the examination of the following year.

#### Third Year.

Pass Examination in Pharmacology and Therapeutics, Medical Jurisprudence, Hygiene and Pathology.

#### Fourth Year.

Pass Examination in Medicine, Surgery, Obstetrics, Clinical Medicine, Clinical Surgery.

By means of the above arrangement a certain definite amount of work must be accomplished in each year, and an equitable division is made between the Primary and Final brænches.

#### VI.

### MEDALS AND PRIZES.

1st. The Holmes' Gold Medal, awarded to the Student of the graduating class who receives the highest aggregate number of marks for the best examinations, written and oral, in both Primary and Final branches.

The Student who gains the Holmes' Medal has the option of exchanging it for a Bronze Medal, and the money equivalent of the Gold Medal.

2nd. A Prize in Books awarded for the best examination, written and oral, in the Final branches. The gold medallist is not permitted to compete for this prize.

3rd. A Prize in Books awarded for the best examination, written and oral, in the Primary branches.

4th. The Sutherland Gold Medal, awarded for the best examination in Theoretical and Practical Chemistry, together with creditable examination in the Primary branches.

5th. A Prize in Books for the best examination in Practical Anatomy.

6th. Prizes in Botany.

3

A Prize in Books for the best examination.

7th. The Clemesha Prize in Clinical Therapeutics.

#### VII.

#### FEES.

Distributed according to years, the Class Fees are as follows: -

#### First Year. Anatomy..... .... \$12 Physiology ..... 12 Histology ..... 6 Chemistry ..... 12 Practical Anatomy..... Botany..... 5 Dissecting Material..... 5 Enregistration..... Total.... \$69 Second Year. Anatomy ..... \$12 Practical Anatomy ..... 12 Physiology ..... 12 Chemistry ..... Practical Chemistry ..... 12 Chemical Reagents..... 3 Materia Medica..... 12 Practical Physiology.... 6 Hygiene.... 6 Dissecting Material..... 5 Enregistration..... 5 Total.... \$97 Third Year. \$12 Materia Medica.... 12 Clinical Medicine ..... 12 Surgery ..... 12 Clinical Surgery..... 12

Midwifery and Gynæcology	12
Midwifery and Gynæcology Medical Jurisprudence	10
Medical Jurisprudence Pathology	10
Pathology Enregistration –	5
Enregistration	107
Total	\$97
Fourth Year.	
	\$12
	12
Medicine Surgery	12
	12
	12
T Cymmoo loov	5
Midwifery and Gynacology  Enregistration	
Total	\$65
10ta1	
HOSPITAL FEES.	
	000
Montreal General Hospital, Perpetual Ticket	\$20
Montreal Maternity	8
Total	\$28
	\$30
Graduation Fee	
Martriculation Fee, payable only if the Student takes the	5
TI-i-ramaity Matriculation	
The Callegiate and Hospital expenses, spread over four	\$416.00
years, about	

All fees are payable in advance, to the Registrar, and except by permission of the Faculty will not be received later than 1st November.

It is suggested to parents or guardians of students that the fees be transmitted direct by cheque or P. O. Order, to the Registrar, who will furnish official receipts.

The total Collegiate and Hospital fees (graduation and Montreal General Hospital fees not included) for all students entering on and after the 1st of October, 1890, will be \$400. This sum is to be paid in four annual instalments of \$100 each. The above sum of \$400 represents the tuition for four winter and one summer session, and if the student elects to attend the two other summer sessions of his course, he may do so without further payment.

#### VIII.

### TEXT BOOKS.

(Prices current in Montreal.)

ANATOMY.—Gray, \$6; Wilson, \$4; Quain (Eng. Ed.) \$9.75.

PRACTICAL ANATOMY.—Heath's Dissector, \$4.50; Holden's Dissector, \$5.00; and Landmark's, \$1.00; Ellis' Demonstrations.

Physics.—Balfour Stewart, \$1.35.

INORGANIC CHEMISTRY.—Millar, \$1.00; Wurtz's Elementary Chemistry, \$2.50.

ORGANIC CHEMISTRY.—Armstrong, \$1.00.

PRACTICAL CHEMISTRY.—Odling, \$1.75.

PHARMACOLOGY and THERAPEUTICS. — Wood, \$6.00; Lauder Brunton, \$6.00; Whitla, 3.50; and Bruce, \$1.50.

Physiology.—Huxley's *Elementary Lessons*, \$1.35; Foster, \$3.25; Prof. Mills' Text-book of Animal Physiology (in the press), and Outlines of Lectures, \$1.00.

Pathology.—Orth's Diagnosis in Pathology, \$3.50; Payne, \$3.50.

Histology.—Klein's Elements, \$1.50; Schäfer's Essentials of Histology, \$2.25.

Surgery.—Holmes' Surgery (Eng. Ed.) \$9.00; Erichsen, \$9.00; Druitt, \$4.25; Bryant, \$6.50; Treves, \$6.00.

Practice of Medicine.—Flint, \$5.50; Roberts, \$5.00; Bristowe, \$5.00; DaCosta, \$6.00; Fagge, \$10.00; Quain's Dict.

For Reference.—Pepper's System of Medicine.

CLINICAL MEDICINE.—Finlayson's Clinical Manual, \$2.60; Flint on Auscultation and Percussion, \$1.75; and Loomis on Physical Diagnosis, \$3.00.

Medical Jurisprudence.—Husband, \$3.25; Guy and Ferrier, \$3.75; Reese, \$3.00.

MIDWIFERY.—Lusk, \$5.00; Galabin, \$3.00.

GYNECOLOGY.—Edis, \$3.00; Goodell's Lessons, \$4.00; Hart and Barbour's Manual, \$7.50; Thorburn, \$7.50; Skeene.

Hygiene.—Parks, \$5.50; Wilson, \$2.75.

BOTANY.—Gray's Text Book of Histology and Physiology, \$2.25.

Zoology.—Sir William Dawson's Handbook of Canadian Zoology, \$1.25.

#### IX.

## MUSEUM.

For the past fifty years, the rich Pathological Material furnished by the Montreal General Hospital has been collected here. The Faculty are also greatly indebted to many medical men throughout Canada and different parts of the world for important contributions to the Museum.

During the past few years, numerous and extremely important additions have been made to the Medical Museum.

It is particularly rich in specimens of Aneurisms. In addition to containing a large number of the more common varieties of these formations, there are specimens of such rare conditions as Aneurism of the Hepatic and Superior Mesenteric Arteries, Traumatic Aneurism of the Vertebral, together with several of the cerebral and pulmonary arteries. The most important collection probably in existence of hearts affected with "Malignant Endocarditis" is also found. The Faculty are indebted to Prof. Osler, late of this University, for this collection.

The Museum contains also a very large collection of different forms of calculi. The Faculty are mainly indebted to Prof. Fenwick for this collection.

During the past two years, Mr. Bailly, osteologist and articulator (lately with Tramond of Paris), has been engaged in arranging and mounting the very large number of specimens of disease and injuries of bones which have been accumulating for years. In this collection are to be found examples of fractures and dislocations of the spine, osteoporosis, congenital dislocation of the hip, fracture of the astragalus, multiple exostosis, &c., &c.

## Obstetrical Department of the Museum.

Besides the ordinary pathological preparations, dry and moist, usually found in Museums, this department contains a complete set of models of deformed pelves, a series of preparations in wax, illustrating the normal relations of the pelvic organs, the development of the Uterus and its contents during pregnancy, various abnormalities, twin pregnancy, foetal circulation &c., a series of colored casts of frozen sections, Tarnier's artificial pelvis, Budin's bronze mechanical pelvis, models of obstetrical instruments, &c.

Additions are being constantly made, and ere long the department will possess a complete collection of models, casts, preparations and apparatus for the practical teaching and illustration of Obstetrics.

### Anatomical Museum.

In addition of the already large collection of normal and abnormal osteology, comparative and human, skeletons of various classes of animals, moist preparations and frozen sections, the following preparations have been recently added to the Museum:—

- (1) A series of articulated skeletons of fore and hind limbs of the various domestic animals prepared by the articulator Mr. Bailly.
- (2) Numerous moist preparations presented by the Professor of Anatomy.
- (3) A complete set of Steger's beautiful colored casts taken from the celebrated frozen sections of Professors His and Braune of Leipsig. These preparations have been placed in the Museum so that they can be constantly consulted by the Students.
  - (4) (a) A complete set of Steger's brain sections.
- (b) Set of hardened brains with the various lobes, convolutions, ganglia, &c., in different colors.
  - (c) Models of the cerebro-spinal and sympathetic nervous systems.
- (d) A set of Prof. D. J. Cunningham's beautiful casts of the Brain in situ, showing the relations of convolutions to the skull.
- (5) (a) A set of preparations showing the anomaly of vessels entering the kidneys.
  - (b) A number of rare anomalies of the aorta and its branches.
- (c) A series of preparations showing the shoulder girdle in various animals.

X.

## LIBRARY.

The Library of the Medical Faculty now comprises upwards of twelve thousand volumes, the largest special library connected with any medical school on this continent.

The valuable library of the late Dr. Robert Palmer Howard has been donated to the Medical Faculty. It consists of several thousand volumes, including a very complete collection of works on Diseases of the Chest.

complete files of the leading periodicals, are on the shelves. Students may obtain books on making a deposit of \$5, which is refunded on returning the volumes.

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XI.

## MCGILL MEDICAL SOCIETY.

This Society, composed of enregistered Students of the Faculty meets once a week during the Summer Session, and fortnightly during the Winter, for the reading of papers and the discussion of medical subjects.

A reading room has been established in connection with the Society, in which the leading English and American Medical Journals are on file.

The leading daily and weekly newspapers of the Dominion are also kept on file.

#### XII.

## COST OF LIVING, &c.

This will, of course, vary with the tastes and habits of the Student, but the necessary expenses need not exceed those in smaller towns. Good board may be obtained from \$15 to \$20 per month. A list of boarding-houses is prepared annually by the Secretary of the University, and may be procured from the Janitor at the Medical College.

#### XIII.

## LICENSED BOARDING-HOUSES.

- 1. All Students under 21 years of age, not residing with parents or guardians, shall reside in licensed boarding-houses, unless they produce written authority from parents or guardians to reside elsewhere.
- 2. Persons applying for a license to keep boarding-houses shall produce evidence satisfactory to the Principal as to their character and fitness, and the suitability of the house for the health and comfort of the Students. They shall also supply him with a statement of charges.
- 3. The keeper of every lodging-house shall deposit with the Secretary of the University, on or before September 10th, in every year, a certificate as to the sanitary condition of the house from some competent officer or sanitary engineer recognized by the Principal.
- 4. A list of boarding-houses licensed under the above regulations shall be kept in the office of the Secretary, and shall be accessible to all members of the University and intending students.

## XIV.

#### HOSPITALS.

## Montreal General Hospital.

The Montreal General Hospital is the most extensive clinical field in the Dominion. A much larger number of in-door and out-door patients receive treatment there than in any other Canadian Hospital. Last year's report shows that 2,545 Medical and Surgical cases were treated in the wards, and the great proportion of these were acute cases, as may be gathered from the fact that the average duration of residence was only 23.6 days.

The large number of out-door patients that are treated in the Hospital—averaging from eighty to ninety daily—supply illustrations of most of the diseases of infants and children, of very many of the eye and skin, and of those chronic and ill-defined ailments which, as they do not require admission to the wards of a hospital, would not otherwise come under the observation of the Student.

The large number of patients affected with diseases of the eye and

ear, now attending the out-door department, will afford Students ample opportunity to become familiar with all the ordinary affections of those organs, and to make themselves proficient in the use of the ophthalmoscope, and it is hoped that every student will thus seek to gain a practical knowledge of this important branch of Medicine and Surgery. Operations are performed on the eye by the Ophthalmic Surgeon after the out-door patients have been seen, and Students are invited to attend the same, and, as far as practicable, to keep such cases under observation so long as they remain in the Hospital.

There are now special departments in the Hospital for Gynæcology and Laryngology, presided over by Specialists in these branches. Students are thus enabled to acquire special technical knowledge under skilled direction. The plan of teaching practical gynæcology for the past five years with marked success has been the limitation of the number of Students to two or three, who, in rotation, assist at the examinations, and receive instruction in the diagnosis and treatment of uterine diseases and the use of gynæcological instruments.

Recently two additional special clinics have been instituted in connection with the Out-door Department: one for diseases of children and the other for the diseases of the nervous system.

CLINICAL CLERKS in both medical and surgical wards are appointed every three months, and each one during his term of service conducts, under the immediate directions of the Clinical Professors, the reporting of all cases in the ward allotted him. The holding of one of these offices is found to be of the greatest possible advantage to Students, as affording a true *practical* training for his future professional life. They will be awarded on application at the end of each Session to final Students of that year, in order of their standing in the primary examination.

Dressers are also appointed to the Surgical wards and to the Out-door Department. For these appointments, application is to be made to the Professor of Clinical Surgery, and to the Assistant Surgeons.

The Operating Room (used also for a lecture room) is so constructed as to enable the Students to obtain a good view of the operations.

## Montreal Dispensary.

ST. ANTOINE STREET.

Over 12,000 patients yearly are treated at this Institution. The cases are of great variety, comprising a large number of pulmonary affections and children's diseases. Minor operations are of daily occurrence, and excellent practice is afforded in the application of splints and bandages. The attending Physicians furnish Students with all possible facilities. The hours of attendance are from 12 to 2 daily during the winter session and from 4 to 6 p.m. during the summer session.

## The Montreal Maternity.

The Faculty have great pleasure in announcing that the Corporation of the Montreal Maternity have recently made very important additions to their building, and have still further improvements in contemplation. Students will therefore have greatly increased facilities for obtaining a practical knowledge of obstetrics. The institution is under the direct supervision of the Professor of Midwifery. who devotes much time and attention to individual instruction. Students who have attended one course of lectures are furnished with cases in rotation, which they are required to report and attend till convalescence. They are advised to take their clinical midwifery as much as possible during the summer session. Though only six cases are required to qualify for the license of the Ontario and Quebec Medical Boards, twenty cases are demanded by the licensing bodies of Great Britain. A sufficient number of cases will be assigned to students who comtemplate presenting themselves for British qualifications. Two resident accoueheurs are appointed yearly from the graduating class to hold office for a period of six months each. By an arrangement with the authorities of the Montreal General Hospital one of the residents acts as Clinical assistant to the Gynæcologist for a period of six months, a change which has greatly enhanced the value of this appointment.

XV.

## STUDENTS' APPOINTMENTS.

General Hospital—Five Resident Medical Officers. Clinical Clerk, Gynæcology. "Laryngology. Clinical Clerk, Diseases of Children.

" Dermatology.

" Diseases of Nervous System.

University Maternity.—Two Resident Medical Officers.

Out-door Dressers.

Dressers in Eye and Ear Department.

Surgical Dressers (In-door).

Medical Clinical Clerks.

Post-mortem Clerks.

Student Demonstrators of Anatomy, 4 third-year Students.

Prosectors to Chair of Anatomy.

Assistants in Practical Histology Course, 2.

Assistants in Practical Physiology Course, 4.

Assistants in Practical Chemistry, 2.

#### XV.

## RULES FOR STUDENTS.

1. In the case of disorderly conduct, any Student may, at the discretion of the Professor, be required to leave the Class-room. Persistence in any offence against discipline after admonition by the Professor shall be reported to the Dean of the Faculty. The Dean may, at his discretion, reprimand the Student, or refer the matter to the Faculty at its next meeting, and may in the interval suspend from classes.

2. Absence from any number of lectures can only be excused by necessity or duty, of which proof must be given, when called for, to the Faculty. The number of times of absence, from necessity or duty, that shall disqualify for the keeping of a Session, shall in each case be determined by the Faculty.

3. While in the College, Students are expected to conduct themselves in the same orderly manner as in the Class-room.

4. When Students are brought before the Faculty under the above rules, the Faculty may reprimand, impose fines, disqualify from competing for prizes and honors, suspend from Classes, or report to the Corporation for expulsion.

#### XVI.

#### PAST SESSION.

The total number of students enregistered in the Medical Faculty during the past session was 233, of whom there were, from—

Ontario	106	P. E. Island 10
Quebec	57	Newfoundland 2
New Brunswick	19	Manitoba 4
Nova Scotia	23	British Columbia 1
United States	10	West Indies 1

The following gentlemen have passed their Primary Examination, which comprises the following subjects:—Anatomy, Practical Anatomy, Chemistry, Practical Chemistry, Physiology, Histology and Botany:—

and Dotally.		
Alexander, W. W. Ault, C. A. Beers, A. H. Bennie, R. Booth, J. S. Bowie, R. A. Brown, W. A. Busby, J. Calkin, B. H. Clemesha, J. C. Dewar, Alex. Farwell, W. A. Fletcher, R. W. Gibson, R. J. Gorrell, A. S.	Hamilton, W. F. Harris, N. M. Harrison, J. D. Hattie, W. H. Hayes, John Hubert, P. T. Jenkins, W. E. Keir, E. J. Kelly, C. I. Kemp, H. D. Lambert, E. M. Love, A. Lovering, W. T. Mader, A. I. Martin, M. Mc	McCrimmon, A. A. McMillan, J. H. McGuire, J. C. O'Connor, C. Oliver A. J. Parke, G. H. Patton, H. M. Robertson, E. A. Robertson, T. F. Smith, C. F. Sparling, A. J. Speir, J. R. Troy, W. Tunstall, A. Webster, R. E.
	Morrow, W. S.	Williamson, H. M.
Grafton, E. A.	Mulligan, E. A.	Williamson, W. P.
Greene, T. J.		77
	Woodruff, E. H.	

The following gentlemen, 38 in number, have fulfilled all the requirements to entitle them to the degree of M.D., C.M. from the University. In addition to the Primary subjects mentioned, they have passed a satisfactory examination, both written and oral, on the following subjects: Principles and Practice of Surgery, Theory and Practice of Medicine, Obstretrics and Diseases of Infancy, Gynæcology, Pharmacology and Therapeutics, Medical Jurisprudence, Pathology and Hygiene,—and also Clinical Examinations in Medicine and Surgery conducted at the bedside in the Hospital:—

Aylen, W. W	Aylmer, Que.
Booth T.S	Montreal, Que.
Brown G A	Charlottetown, P.E.I.
Campbell, G. G., B.Sc	Truro, N.S.

Creasor, J. A., B.A	Owen Sound, Ont.
Delaney, W. J	Peterboro', Ont.
England, W. S	Dunham, Que.
Esson, F. G	Halifax, N.S.
Garrow, A. E	Ottawa, Ont.
Gemmill, E. W	Almonte, Ont.
Holmes, A. D	Chatham, Ont.
Hopkins, 'F. A	Cookshire, Que.
Hubert, P. T	Harbor Breton, Nfld.
Irwin, W. T	Pembroke, Ont.
Kerr, N	Holyrood, Ont.
Low, D	Palmerston, Ont.
Martin, J. M	Brown's Creek, P.E.I.
Mathieson, C. S	Harrington, P.E.I.
Morehouse, O. E	Gibson, N.B.
Mowat, M. M	Williamstown, Ont.
Muirhead. D. A	Carleton Place, Ont.
Murray, D. A	Black Meadows, N.S.
McCurdy, T	Ormstown, Que.
McDonald, A	Iroquois, Ont.
McDonald, H. N	Laggan, Ont.
McDonald, G	Renfrew, Ont.
McDonald, P. A	Alexandria, Ont.
McEwen, H	Carleton Place, Ont.
McIntosh, D. H	Carleton Place, Ont.
McKercher, H	Stittsville, Ont.
McKinnon, T. H	Lockport, N.S.
McLellan, A. A	Indian River, P.E.I.
Philp, W.S	Montreal, Que.
Shanks, A. L	Huntingdon, Que.
Vipond, A. E	Montreal, Que.
Wheeler, C. L., B.A	Montreal, Que.
Whyte, J. J	Lancaster, Ont.
Wylde, C. F	Halifax, N.S.
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## The following have passed in Physiology:-

Carlaw, C. M. Holden, D. B. Smith, T. H. Clark, J. Moore, J. M. Smith, A. G. Fulton, J. A. Neil, J. Watson, N. M. McCann, E. A.

## The following have passed in Chemistry:-

Carlaw, C. M. Martin, C. Smith, T. H. Clark, J. Neil, J. Smith, A. G. Fulton, J. A.

## The following have passed in Anatomy:-

Clark, J.

Watson, N. M.

## The following have passed in Practical Chemistry:

Carlaw, C. M. Holden, D. B. Kent, H. V.

Moore, J. M. McEown, F. Neil, J.

Smith, T. H. Smith, A. G. Watson, N. M.

## The following have passed in Pathology:-

Ault, C. A. Addy, G. A. Beers, A. H. Broderick, E. J. Bowes, E. J. Bissett, C. P. Burritt, C. H. Clarke, J. W. Corbin, F. G. Coleman, A. H. Ellis, T. H. Evans, D. J. Gorrell, A. S. Hayes, John Harris, N. M. Hayes, Joseph Hamilton, H. D. Inksetter, W. E.

Jento, C. P. Jenkins, W. E. Kent, H. V. Kee, D. N. Irwin. Liddell, G. L. Lewin, A. A. Morphy, A. G. McKee, G. L. McLellan, A. C. McKechnie, R. E. Murray, M. W. Morris, O. McKinnon, McDonald, M. S. Mulligan, E. A. McManus, H. D.

McEown, F. Noble, C. T. MacKay, H. H. Oliver, A. J. O'Connor, C. Patton, H. M. Ross, H. R. Ross, J. Reid, J. T. Robertson, W. Smith, W. D. Telfer, W. J. Thompson, F. E. White, D. D. Williamson, H. M. Wilson, W. A. Yorston, F. E.

## The following have passed in Medical Jurisprudence :-

Ault, C. A. Addy, G. A. B. Bissett, C. P. Beers, A. H. Berwick, R. A. Broderick, E. J. Bowes, E. J. Clark, J. W. Coleman, A. H. Clune, P. J. Curtis, I. B. Corbin, F. G. Evans, D. J. Ellis, T. H. Gorrell, A. S. Hamilton, H. D.

Hayes, John
Hayes, Joseph
Harris, N. M.
Inksetter, W. E.
Jenkins, W. E.
Jento, C. P.
Kee, D. N.
Kent, H. V.
Liddell, G. L.
Lewin, A. A.
Mulligan, E. A.
Morphy, A. G.

Morphy, A. G.
Murray, M. W.
MacDonald, M. S.
McLellan, A. C.
McEwon, F.
Yorston, F. S.

McManus, H. D.
McKechine, R. E.
Noble, C. T.
O'Connor, C.
Oliver, A. J.
Patton, H. M.
Ross, H. R.
Ross, James
Reid, J. T.
Robertson, W.
Smith, W. D.
Telfer, W. J.
Thompson, F. E.
White, D. D.
Williamson, H. M.

Wilson, W. A.

The following have passed in Pharmacology and Therapeutics:-

Inksetter, W. E.

Ault, C. A. Addy, G. A. Beers, A. H. Broderick, E. J. Bowes, E. J. Bissett, C. P. Burritt, C. H. Clarke, J. W. Corbin, F. G. Coleman, A. H. Ellis, T. H. Evans, D. J. Gorrell, A. S. Hayes, John Harris, N. M. Haves, Joseph Hamilton, H. D.

Jento, C. P. Jenkins, W. E. Kent, H. V. Kee, D. N. Liddell, G. L. Lewin, A. A. Morphy, A. G. McKee, G. L. McLellan, A. C. McKechnie, R. E. Murray, M. W. Morris, O. McKinnon, McDonald, M. S. Mulligan, E. A. McManus, H. D.

McEown, F. Noble, C. T. MacKay, H. H. Oliver, A. J. O'Connor, C. Patton, H. M. Ross, H. R. Ross, Jas. Reid, J. T. Robertson, W. Smith, W. D. Telfer, W. J. Thompson, F. E. White, D. D. Williamson, W. M. Wilson, W. A. Yorston, F. S.

## The following have passed in Histology:-

Akerley, A. W. Ault, C. R. Baker, M. F. Berwick, R. H. Berwick, G. A. Boyce, B. F. Binmore, J. E. Bruce, D. A. Brown, F. W. A. Bowen, G. A. Cannon, A. Carmichael, H. B. W. Coburn, A. D. Chipman, R. J. Chabot, J. L. Day, A. R. Ellis, W. Graham, W. C. R. Grant, H. A. Gorham, A. Gibson, R. J. Glendenning, R. T. Haves, P. J. Hayman, M.

Halliday, V. Henderson, J. Hogg, D. H. Jameson, Thos. Jack DuVernet Joel, C. L. Johnstone, A. King, H. S. Lang, F. W. Langley, A. Mair, A. W. Massiah, W. B. H. Martin, S. H. Martin, C. F. Meade, C. Meikle, W. Morris, F. Mylne, R. C. Millar, G. A. Macaulay, G. Mackay, D. T. McDonald, D. McCann, E. McGrant, J. A.

Yates, H. B.

McKenty, J. McLeod, H. S. McKenzie, R. T. McKinnon, A. I. McNally, H. McGowan, G. Outwater, S. W. Phelan, E. D. Peake, J. P. Paterson, L. Ramsay, R. C. Scovil, W. T. Simpson, T. C. Stewart, J. A. Scott, D. F. St. Louis, D. Taylor, N. Thompson, J. Taplin, M. M. Taylor, T. T. Watson, J. Walsh, W. E. Wasson, H. J. Walker, W. G.

The following have passed in Botany :-

Ault, C. R. Berwick, R. H. Berwick, G. A. Binmore, J. E. Boyce, B. F. Bowen, G. A. Brousseau, J. H. Brown, F. W. A. Bruce, D. A. Carmichael, H. B. W. Chabot, J. L. Chipman, R. J. Coburn, A. D. Day, A. R. Ellis, W. L. Fulton, J. A. Glendenning, R. T.

Graham, W. C. R. Grant, H. A. Halliday, V. Hayes, P. J. Henderson, Jas. Jameson, Thos. King, H. S. Lang, F. W. Langlev, A. Mair, A. W. Mackay, D. T. McKinnon, A. I. Martin, S. H. Massiah, W. B. H. McGowan, J. H. McKenty, J. E. McLennan, D. A.

McLeod, H. S. McNally, H. Meade, C. Meikle, W. F. Outwater, S. W. Paterson, L. Phelan, E. D. Robinson, B. E. Stewart, J. A. Taplin, M. M. Taylor, N. Taylor, T. T. Thompson, J. Walsh, D. N. Wasson, H. J. Walker, W. G.

## MEDAL, PRIZES AND HONOURS.

THE HOLMES' GOLD MEDAL, FOR THE BEST EXAMINATION IN ALL THE BRANCHES COMPRISED IN THE MEDICAL CURRICULUM IS awarded to Alexander E. Garrow, of Ottawa, Ont.

THE PRIZE FOR THE BEST EXAMINATION IN THE FINAL BRANCHES is awarded to Hugh McKercher, of Stittsville, Ont.

THE PRIZE FOR THE BEST EXAMINATION IN THE PRIMARY BRANCHES is awarded to William Arthur Brown of Chesterville, Ont.

THE SUTHERLAND GOLD MEDAL is awarded to John Craig Clemesha, of Port Hope, Ont.

The following gentlemen, arranged in order of merit, deserve honourable mention:—

In the Priminary Branches — Hamilton, Morrow, Busby, Bowie, Clemesha, Spier, Farwell, Grafton, Kelly, Dewar, Robertson, T. F. Troy, Lambert, Williamson, W. P. McMillan and Alexander.

In the Final Branches — Campbell, McCurdy, Murray, Philp, England and Creasor.

## PROFESSORS' PRIZES.

Botany.—W. B. Hallam Massiah, of Barbadoes, West Indies.

Anatomy.—2nd year, W. A. Brown. Honourable Mention, T
F. Robertson. 1st year, James Henderson, of Warkworth, Ont.

## SUMMER SESSION.

1889.

The Fourteenth Summer Session of the Faculty of Medicine will begin on the 9th of April, and continue twelve weeks.

The Classes are chiefly practical and demonstrative, and are designed to supplement and extend the teaching of the regular Winter Session.

The attention of Students of this University, who intend to present themselves for the examination for the degree of M.D. in 1890, is particularly directed to the regulations instituted in 1884, making the third summer session compulsory.

In future, the regular University lectures on *Hygiene* will be delivered only during the summer sessions.

Students from other schools are received on the same terms as, and have all the advantages of, regular students.

The special advantages of attendance upon a Summer Session are:—

- (1) The benefit derived from the practical and demonstrative
- (2) Dresserships and Clinical Clerkships are more easily obtained at the Hospitals, and the student has more time at his disposal to follow up the cases.
- (3) Cases of Midwifery are obtained in greater number at the Montreal Maternity.
- (4) Systematic study can be carried on more effectively than at home.
- (5) The regular courses on Hygiene and Practical Chemistry can be attended.

The advantages offered by the City of Montreal for the practical study of Medicine and Surgery are unsurpasseed in the Dominion.

In the wards of the General Hospital there is always—and more particularly in the summer months, when navigation is opened—a large collection of interesting medical and surgical cases. In the Out-door Department there is a daily attendance of between 90 and

roo patients, which affords excellent opportunities for instruction in general medical and surgical practice. In addition there are special clinics in the following different departments: 1. Eye and ear; 2. Nose and throat; 3. Diseases of children; 4. Diseases of the nervous system; 5. Diseases of women.

At the Montreal Dispensary, in addition to general Medical instruction, there is a Gynæcological Clinic.

The Faculty has much pleasure in announcing the following prospectus:—

## I .- CLINICAL INSTRUCTION,

Which will comprise:-

Which will comprise:—
A.—Bedside Instruction—
SURGERY Dr. Fenwick and Dr. Shepherd.
MEDICINE
B.—Weekly Clinics, in the Theatre of the General Hospital, on—
1. General Surgery Drs. Fenwick, Roddick, Shepherd and Bell.
2. General Medicine
D.—Out-Patient Clinics—1. At the General Hospital—  a. General Medicine and Surgery { Medical and Surgical Staff.}  b. *Gyn.ecology
A. MEDICINE Drs. Stewart & Finley. B. GYNÆCOLOGY Dr. Alloway.
E.—Clinical Instruction in Obstetrics—
At the Montreal Maternity—
1. THE MANAGEMENT OF CASES OF LABOR

<sup>\*</sup> A limited number of students will attend in rotation.

2. The After Care of Cases.....

## II.-PRACTICAL CLASSES.

†2. Practical Chemistry.—Same as, and may be taken in lieu of, the Winter Course. Dr. Ruttan.
†3. Operative Surgery.—A complete course of operations on the cadaver, including Amputations, Excisions, Ligations, &c. The students perform the operations in rotation. Fee, \$5.00.
4. Obstetrical Presentations and Uperations.—A series of practical demonstrations on the cadaver or phantom
5. Deformed Pelves.—A series of demonstrations illustrating the influence of deformity of the Pelvis upon Labor
†6. Clinical Microscopy.—Microscopes, Rea-
†7. Operative Ophthalmology. — This will consist in a series of demonstrations on the methods of performing the usual eye operations. Fee, \$2.00
8. Anomalies of Refraction and Accommodation.—A course of four demonstations, giving practical illustrations of the methods of recognising and treating these conditions
9. Practical Ophthalmoscopy.—To consist of a series of demonstrations and practical exercises in the use of the Ophthalmoscope
10. Laryngoscopy and Rhinoscopy. — A course of demonstrations and exercises in the use of the Laryngoscope and Rhinoscope
11. Electro-Therapeutics.—Students will be practically trained in the method of using the different forms of electricity in the treatment of disease
12. Applied Anatomy—Medical and Surgical. — Surface-marking, Brain and Spinal Cord, Larynx, Thorax, Abdomen, Genito-Urinary Organs, Surgical Spaces
13. Minor Surgery.—Including Bandaging, Application of Splints, Hæmostatics, Catheterism, Artificial Respiration, &c.
14. Clinical Chemistry.—A course of twelve demonstrations, designed to familiarise students with the more recent and approved methods of examining chemically, abnormal secretions, morbid products, &c., at the bedside

15. Morbid Anatomy.—Consisting of systematic demonstrations upon post-mortem methods and pathological anatomy in the section-room of the General Hospital. Students will make the postmortems in rotation, and receive instruction in the method of performing them, and keeping record of their observations....

Drs. Johnston and Finley.

†16. Practical Materia Medica.—A fee sufficient to cover the cost of material will Dr. Stewart. be charged for this course.....

17. Heredity.—A course of 8—12 lectures on the Laws of Heredity in Health and Dr. Mills. Disease .....

18. A Practical Course in the qualitative and quntitative estimation of the more important constitutents of the urine, and the rapid detection of the common poisons. A small fee will be charged to cover cost of material.

19. Clinical Minor Surgery ...

Dr. R. J. B. Howard.

#### XIX.

## SESSION 1888-89.

## STUDENTS IN MEDICINE.

Adams, W. L., San Francisco, U. S. Addy, G. A. B., St. John, N.B. Akerly, A. W. K., Fredericton, N.B. Alexander, W. W., Stanhope, P.E.I. Anderson, N., Montreal, Q. Ault, C. A., Oshkosh, Wis. Ault, C. R., Tilsonburg, Ont. Aylen, W. W., Aylmer, Q.

Aylen, W. W., Aylmer, Q.

Bayne, C. W., Merivale, O.
Beaman, W. H., Montreal, Q.
Beers, A. H., Montreal, Q.
Beers, A. H., Montreal, Q.
Berwick, G. A., Farnham, Q.
Berwick, R. H., Farnham, Q.
Binmore, J. E., Montreal, Q.
Bissett, C. P., River Bourgeois, N.S.
Booth, J. S., Montreal, Q.
Bowen, G. A., Compton, Q.
Bowes, E. J., Ottawa, O.
Bowes, E. J., Ottawa, O.
Bowee, B. F., Norbam, O.
Broderick, E. J., Fredericton, N.B.
Brouse, J. E., Brockville, O.
Brosseau, J. A., Ottawa, O.
Brown, W. A., Chesterville, O.
Brown, G. A., Charlottetown, P.E.I.
Bruce, D. A., Grand View, U.S.
Burnette, J. T., Cornwall.
Burritt, C. H., Mitchell, O.
Busby, J., Pontviews, O.

Calkin, B. H., Kentville, N.S.

Calkin, B. H., Kentville, N.S.
Campbell, G. G., Truro, N.S.
Corbin, F. G., Bedford, N.S.
Carlaw, C. M., Warkworth, O.
Carmichael, H. B. W., Montreal, Q.
Chabot, J. L., Ottawa, O.
Chipman, R. J., Halifax, N.S.
Clark, J., Troy, O.
Clarke, J. W., Tatamagouche, N.S.
Clemesha, J. C., Port Hope, O.
Clune, P. J., Warkworth, O.
Coburn, A. D., Keswick Bridge, N.S.
Coleman, A. H., Belleville O.
Connolly, J. A., Lennoxville, Q.
Cooper, W. A. Ormstown, Q.
Creasor, J. A., Owen Sound, O.
Curtis, I. B., Hartland, N.B.

Day, A. R. Guelph, O. Delaney, W. J., Peterboro', O. Delphey, E. V., Erie, Mich. Dewar, A., Ormond, O. Dickson, H. W., Pembroke, O.

Ellis, T. H., Pembroke, O.

Ellis, W. L., St. Johns, N.B. England, W. S., Dunhaw, Q. Esson, A. C., Halifax, N.S. Esson, F. G., Halifax, N.S. Evans, D. J., Montreal, Q.

Farwell, W. A., Lennoxville, Q. Fletcher, R. W., Londonderry, N.S. Fulton, J. A., Franklin Centre, O.

Garrow, A. E.. Ottawa, O. Gemmill, E. W., Almonte, Q. Gibson, R. J., Clinton, O. Glendenning, R. F., Truenanville, N.S. Grafton, E. A., Montreal, Q. Graham, W. C. K., Prescott, O. Grant, H. A., Pembroke, O. Gorrell. A. S.. Brockville, O. Green, T. J., Appleton, O.

Halliday, V., Peterboro', O.
Hamilton, H. D., Montreal, Q.
Hamilton, W. F., Sackville, N.B.
Harris, N. M., Ormstown, Q.
Harrison, J. D., Fredericton, N.B.
Hattie, W. H., New Glasgow, N.S.
Hayes, J., Nelson, N.B.
Hayes, J., Nelson, N.B.
Hayes, J. No., Richmond, Q.
Hayes, P. J., Montreal, Q.
Henderson, J., Warkworth, O.
Hilton, W. L., Montreal, Q.
Holmes, A. D., Chatham, O.
Hopkins, F. A., Cookshire, Q.
Hubert, P. T., Harbor Breton, Nfid.
Hughes, J. M., Chesterville, O.
Hume, G. L., Leeds, O.

Ibbotson, F. A., Montreal, Q. Inksetter, W. E., Copetown, O. Internoscia, A., Montreal, Q. Irwin, H., Pembroke, O. Irwin, W. T., Pembroke, O. Irving, E. Pembroke, O.

Jack, M. G. DeV., Fredericton, N.B. Jamieson, Thos., Buffalo, N.Y. Jayet, A. A., Montreal, Q. Jenkins, H. E., Conquerell, N.S. Jento, C. P. Mellville, O. Johnson, Albert, Jones, W. A. Clandeboye, O.

Kee, D. N., Fordyce, O. Keir, E. J., Princeton, P.E.I. Kelley, C. I., West Flamborough, O. Kemp, H. D., Montreal, Q. Kent, H. V., Truro, N.S. Kerr, N., Holyrood, O. Kerr, W. J., Montreal, Q. King, H. S., Sarnia, O.

Labelle, M. J., Lewis, N.Y.
Lambert, E. M., Ottawa, O.
Lang, F. W., St. Marys, O.
Langley, A. F., Victoria, B.C.
Lewin, A. A., St. John, N.B.
Liddell, G. L., Cornwall, O.
Love, A., New Glasgow, O.
Lovering, W. T., Northfield, Minn.
Low, D., Palmerston, O.

Love, A., New Ghasgow, O.
Lovering, W. T., Northfield, Minn.
Low, D., Palmerston, O.

Mader, A. I., New Canada, N.S.
Mair, A. W., Clinton, O.
Martin, C. F., Montreal, Q.
Martin, J. M., Brown's Creek, P.E.I.
Martin, J. M., Brown's Creek, P.E.I.
Martin, S. H., Savage Mines, Que.
Massiah, W. B. H., Barbadoes, W.I.
Mathieson, C. S., Harrington, P.E.I.
Mead, Chas., Morrisburg, Ont.
Meikle, W. F., Morrisburg, O.
Mill, J., Aylmer, Q.
Morehouse, O. E., Gibson, N.B.
Moore, J. M., Belleville, O.
Morphy, A. G., London, O,
Morris, O., Pembroke, O.
Morris, F., Fareville, N.B.
Morrow, W. S., Halifax, N.S.
Moss, J. M., Carleton Place, O.
Mowat, M. M., Williamstown, O.
Muilhead, D. A., Carleton Place, O.
Mulligan, E. A., Aylmer, Q.
Murray, D. A., Back Meadows, N.S.
Murray, M. W., Beachwood, O.
Mutch, P. R., St. Johns, N.B.
McCann, E., Smith's Falls, O.
McCrimmon, A. A., St. Thomas, O.
McCurdy, T., Ormstown, Q.
McDonald, H. N., Laggan, O.
McDonald, G., Renfrew, O.
McDonald, A., Froquois, O.
McDonald, P. A., Alexandria, O.
McEwen, H., Carleton Place, O.
McGauran, G. F., Riehmond, Q.
McGergor, J. G., Martintown, O.
McGure, J. C., Trenton, O.
McHarg, R. F. Leeds, Ont.
McKenty, J. E., Riehmond Q.
McKenzie, P. J., Melbourne, Q.
McLellan, A. A., Summerside, P.E.I.
McLellan, A. A., Summerside, P.E.I.

McMillan, J. H., Pictou, N.S. McNally, H., Fredericton, N.B. McPhillips, X., Winnipeg, Man-

Noble, C. T., Sutton, O.

O'Connor, C., Worcester, Mass. Oliver, A. J., Cowansville, Q. Outwater, S. W., Plainfield, O.

Palmer, P. E., Riverside, N.B. Park, G. H., Quebec, Q. Paterson, L., Harbor Grace, Nfld. Patton, H. M., Winnipeg, Man. Peake, J. P. Fredericton, N.B. Phelan, E. D., Montreal, Q. Philp, W. S., Montreal, Q.

Reed, T. B., Montreal, Q.
Reid, J. T., Montreal, Q.
Richards, S., Ottawa, O.
Robertson, T. F., Brockville, O.
Robertson, E. A., Lennoxville, Q.
Richardson, W. B., Chicago, Ill.
Robinson, B. E., Orillia, O.
Rodgers, W., Montreal, Q.
Ross, J., Halifax, N.S.
Ross, H. R., Quebec, Q.

Scovil, W. T., Fredericton, N.B. Shanks, A. L., Huntingdon, Q. Smith, T. H., North Sidney, C.B. Smith, W. D., Plantagenet, O. Smith, C. F., West Winchester, O. Smith, A. G., St. Marys, O. Sparling, A. J., Pembroke, O. Spier, J. R., Lindsay, O. Springle, J. A., Clarenceville, Q. Swaill, Wm., Montreal, Q.

Taplin, M. M., Addison, Q.
Taylor, J. N., Ottawa, O.
Taylor, T. T., Montreal, Q.
Telfer, W. J., Burgoyne, O.
Thompson, F. E., Quebec, Q.
Thompson, J., Moulinette, O.
Tremblay, L., Ottawa, O.
Troy, W., Valleyfield, O.
Tunstall, A., Montreal, Q.

Vipond, A. G., Montreal, Q.

Walker, W. G., Stratford, O. Walsh, T. N., Ormstown, Q. Walsh, W. E., Ormstown, Q. Wasson, H. J., Peterboro', O. Watson, N. M., Williamstown, O. Webster, R. E., Brockville, O. Wheeler, C. L., Montreal, Q. White, D. D., Montreal, Q. Whyte, J. J., Lancaster, O. Wilson, W. A., Derby, N.B. Williamson, H. M., Guelph, O. Williamson, W. P., Chatham, O. Woodruff, E. H., St. Catherines, O.

Yates, H. B., Brantford, Ont. Yorston, F. S., Truro, N.S.

#### XIX.

# LIST OF PRIZEMEN AND MEDALLISTS IN THE MEDICAL FACULTY.

In 1855 the examinations were divided into Primary and Final, and prizes were established for the best Thesis and for the best Examination in the Primary and Final branches.

In 1865 the Holmes' Gold Medal was established in honour of Dr. Holmes, and is given for the best examination in both Primary and Final branches.

The following is the List with the present addresses of the recipients:—

- 1854. For General Proficiency.—1st Prize—Robert Craik, Montreal.

  2nd Prize—Thomas Simpson, Montreal.
- 1855. Thesis.—James McG. Stevenson, Bryanston, Ont.

  Final Examination.—James McG. Stevenson, Bryanston, Ont.

  Primary Examination.—Walter J. Henry.\*
- 1856. Thesis.—Walter James Henry,\* and W. J. Jones, Prescott, O.

  Final Examination.—E. Laberge.\*

  Primary Examination.—Hon. Levi R. Church, Montreal, Q.
- 1857. Thesis.—Hon. Levi R. Church, Montreal, and D. T. Robertson, Lennoxville, Q.

  Final Examination.—Hon. Levi R. Church, Montreal, Q.

  Primary Examination.—James Kerr.\*
- 1858. Thesis.—Timothy F. English,\* and W. F. Taylor, Peterboro', O. Final Examination.—Wm. Harkin.\*

  Primary Examination.—Wm. Harkin.\*
- 1859. Thesis.—Edward W. Smith.\*

  Final Examination.—James J. O'Dea, Stapleton, Staten Island,

  New York.

  Primary Examination.—Henry Warren.\*
- 1860. Thesis.—J. W. Pickup.\*

  Final Examination.—Henry Warren.\*

  Primary Examination.—Joseph M. Drake,\* and Fred. Suther-land.\*

- 1861. Thesis.—Joseph M. Drake,\* F. J. Austin, Sherbrooke, Q., and D. L. Philip, Brantford, O.

  Final Examination.—Joseph M. Drake.\*

  Primary Examination.—Thos. C. Walton, Inspector U.S. Navy, Annapolis, Md.
- 1862. Thesis.—R. M. Bucke, London, O.

  Final Examination.—John A. Stewart.\*

  Primary Examination.—John J. Marston, U. S. Army.
- 1863. Thesis.—Wm. C. Gustin.\*

  Final Examination.—J. J. Marston, U. S. Army.

  Primary Examination.—R. A. Kennedy, \* and Peter A.

  McDougall, Ottawa, and C. F. Bullen.\*
- 1864. Thesis.—W. W. Squire.\*

  Final Examination.—D. Howard Harrison, Winnipeg.

  Primary Examination.—Kenneth Reid, New York.
- 1865. Holmes' Gold Medal.—E. P. Hurd, Newburyport, Mass.

  Final Examination.—H. L. Vercoe.\*

  Primary Examination.—George Ross, Montreal, and W. Gardner, Montreal.
- 1866. Holmes' Medallist.—George Ross, M.A., Montreal, Q.
  Final Examination.—William Gardner, Montreal, Q.
  Primary Examination.—Clinton W. Kelly, Louisville, Ky.
- 1867. Holmes' Medallist.—Clinton W. Kelly, Louisville, Ky.

   Final Examination.—C. W. Kelly, Louisville, Ky.

  Primary Examination.—Wm. Henry Patterson.
- 1868. Holmes' Medallist.—T. G. Roddick, Montreal, Q.
  Final Examination.—T. G. Roddick, Montreal, Q.
  Primary Examination.—Andrew Harkness, Lancaster, O.
- 1869. Holmes' Medallist.—T. D. Lucas.\*

  Final Examination.—Andrew Harkness, Lancaster, O.

  Primary Examination.—Alexander A. Henderson, Ottawa, O.
- 1870. Holmes' Medallist.—A. A. Henderson, Ottawa, O. Final Examination.—O. H. E. Clarke, St. Louis, Mo. Primary Examination.—J. H. Mathieson, St. Mary's, O.
- 1871. Holmes' Medallist.—J. H. Mathieson, St. Mary's, O. Final Examination.—H. P. Wright, Ottawa, O. Primary Examination.—Thomas Kelly, Omaha.
- 1872. Holmes' Medallist.—Hamilton Allan, Oconto, Wis.

  Final Examination.—G. A. Starke, Milwaukee.

  Primary Examination.—F. J. Shepherd, Montreal.

  Special Prize for Thesis.—W. Osler, Baltimore, Md.

- .1873. Holmes' Medallist.—Thomas Kelly, Omaha.

  Final Examination.—D. A. Alguire, Cornwall, Ont.

  Primary Examination.—J. D. Cline, B.A.\*
- 1874. Holmes' Medallist.—J. D. Cline, B.A.\*

  Final Examination.—J. C. Cameron, Montreal.

  Primary Examination.—Simon J. Tunstall, B.A., Lytton, B.C.
- 1875. Holmes' Medallist.—S. J. Tunstall, B.A., Lytton, B.C.

  Final Examination.—J. B. Benson, Chatham, N.B.

  Primary Examination.—C. H. Murray, B.A.\*; R. H. W. Powell,

  Ottawa, Ont.
- 1876. Holmes' Medallist.—Robert H. W. Powell, Ottawa, O.

  Final Examination.—Chas. H. Murray, B.A.\*

  Primary Examination.—Alex. C. Fraser, Manitowoc, Wis.

  Special Prize for Thesis.—R. L. MacDonnell, B.A., Montreal.
- 1877. Holmes' Medallist.—James Bell, Montreal, Q.

  Final Examination.—W. D. Oakley, Streetsville, O.

  Final Examination.—H. N. Vineberg, New York.
- 1878. Holmes' Medallist.—H. N. Vineberg, New York.

  Final Examination.—T. W. Mills, M.A., Montreal.

  Primary Examination.—W. R. Sutherland, Montreal.

  Sutherland Gold Medal.—J. M. Lefebvre, Brockville, O.
- 1879. Holmes' Medallist.—J. B. Lawford, London, Eng.

  Final Examination.—A. W. Imrie, Detroit.

  Primary Examination.—J. A. McDonald, Montreal.

  Sutherland Gold Medal.—W. L. Grey, Pembroke, O.
- 1880. Holmes' Medallist.—J. A. McDonald, Montreal.

  Final Examination.—H. B. Small, Ottawa.

  Primary Examination.—James Ross, B.A., Dundas, O.

  Sutherland Gold Medal.—H. W. Thornton, B.A., New Richmond, Q.
- 1881. Holmes' Medallist.—James Ross, B.A., Dundas, O.
  Final Examination.—John W. Ross, Cohoes, N.Y.
  Primary Examination.—R. J. B. Howard, B.A., London, Eng.
  Sutherland Gold Medal.—C. E. Cameron, Montreal.
- 1882. Holmes' Medallist.—R. J. B. Howard, B.A., London, Eng.

  'Final Examination.—Henry V. Ogden, B.A., Milwaukee, Wis.

  Primary Examination.—George A. Graham, Hamilton, O.

  SUTHERLAND GOLD MEDAL.—Wyatt G. Johnston, Montreal, Q.

  MORRICE SCHOLAR.—Wyatt G. Johnston, Montreal, Q.

- 1883. Holmes' Medallist.—C. E. Cameron, Montreal.

  Final Examination.—L. B. Loring, Sherbrooke, Q.

  Primary Examination.—Ed. G. Wood, Mitchell, O.

  SUTHERLAND GOLD MEDAL.—R. F. Ruttan, B.A., Montreal, Q.

  MORRICE SCHOLAR.—R. F. Ruttan, B.A., Montreal, Q.
- 1884. Holmes' Medallist.—Wm. A. Ferguson, Bathurst. N.B.

  Final Examination.—James P. McInerney, Kingston, N.B.

  Primary Examination.—Smith Gustin, Bay City, Mich.

  Sutherland Gold Medal.—John Elder, B.A., Huntingdon, Q.
- 1885. Holmes' Medallist.—Edwin G. Wood, Mitchell, O.

  Final Examination.—Smith Gustin, Bay City, Mich.

  Primary Examination.—Ed. J. Evans, La Crosse, Wisc.

  Sutherland Gold Medal.—H. A. Lafleur, Baltimore, Md.
- 1886. Holmes' Medallist.—Herbert S. Birkett, Montreal, Q.
  Final Examination.—Walter W. White, M.A., St. John, N.B.
  Primary Examination.—Walter I. Bradley, Sault St. Marie.
  Sutherland Gold Medal.—Walter I. Bradley, Sault St. Marie.
- 1887. Holmes' Medallist.—Ed. Evans, La Crosse, Wisc.

  Final Examination.—Henri A. Lafleur, B.A., Baltimore, Md.

  Primary Examination.—A. E. Garrow, Ottawa.

  Sutherland Gold Medal.—John Creasor, Owen Sound, O.
- 1888. Holmes' Medallist.—N. D. Gunne, St. Marys, O.

  Final Examination.—W. G. Stewart, Montreal, Q.

  Primary Examination.—R. E. McKechnie, Winnipeg.

  Sutherland Gold Medal.—C. W. Bissett, River Bourgeois, N. S.
- 1889. Holmes' Medallist.—Alex. E. Garrow, Ottawa, O.

  Final Examination.—Hugh McKercher, Point Edward, O.

  Primary Examination.—Wm. Alfred Brown, Chesterville, O.

  Sutherland Gold Medal.—John C. Clemesha, Port Hope, O.

<sup>\*</sup> Deceased.

### HOW TO BECOME A REGISTERED PRACTITIONER.

The possession of an M.D. degree does not entitle the holder to practice. He must be registered. In the Provinces of the Dominion, with the exception of Ontario, the possession of a Degree in Medicine from a recognized University entitles the holder to register. In *Ouebec*, graduates of the Universities of the province must appear in person at the May or September meeting of the Board, and present and swear to their diplomas. Registration is granted only at these periods. It is optional with the Board whether the holder of a degree from a Canadian University outside the Province of Ouebec can register without further examination. In some cases the examination has been enforced. In Ontario, the examination of the College of Physicians and Surgeons of the province must be passed before registration. The examination is held every spring. In Manitoba and British Columbia, it is necessary to undergo an examination before registration. In Nova Scotia and New Brunswick, the provincial boards accept the degrees of Canadian Universities without examination. Prince Edward Island has as yet no Medical Board. In most of the West India Islands a certificate of registration in one of the Provinces of the Dominion entitles the holder to practice.

In the *United States*, holders of Canadian degrees in medicine can practice without additional examination or study. In many of the States, Medical Boards now exist similar to those in our Provinces, and the degree must be registered before a license to practice can be obtained. The custom varies in different States.

In *Great Britain*, colonial or foreign degrees are not registerable, except in the case of the University of Melbourne, and of holders of colonial degrees prior to 1850. To enable a colonial graduate to register, the examination of one of the numerous Licensing Boards must be passed.

A Graduate in Medicine of an American College, in order to register in any of the Provinces in the Dominion, must, (a) unless the holder of an Academical Degree, pass the Matriculation examination of the provincial Board; (b) attend some one of the Medical Schools in order to complete the curriculum (four years) required by the Boards, and (c) pass the professional examinations.

## DOCTORS IN MEDICINE.

Archer, Ths., Ardagh, Johnson, Armitage, J. H., Ardagh, Johnson, Armitage, J. H., Armstrong, Geo. E., Montreal 1877 Arthur, R. H, Atkinson, Robert, Ault, Charles, Ault, James F., Ault, Alexander, Ault, Edwin D., Aver, N., M.A., Aylen, John, Aylen, John, Aylen, John, Aylen, John, Aylen, John, Aylen, John, Aylen, W. W. W. Backhouse, J. B., Backhouse, J. B., Backhouse, J. B., Baridwood, Ill 1870 Bain, D. S. E., Staff Surgeon Maj. Bash Bain, Hugh U., Prince Albert, Man 1874 Baird, James G., Bay City, Mich 1885 Bann, Hugh U., Prince Albert, Man 1874 Barrett. Jos. A., Bay City, Mich 1885 Battersby, Charles, Port Dover O 1861 Baynes, Geo. E., Wash Bayles, Charles, Port Dover O 1861 Baynes, Geo. Aylmer, Bell, John, M.A., Bell. Robert W., Bell, John, M.A., Bell, Robert C. E., Bender, Prosper, Bessey, William E., Berson, Joseph B, Bessey, William E., Benson, Joseph B, Bessey, William E., Bender, Prosper, Benson, Joseph B, Bessey, William E., Benson, Joseph B, Birkett, H. S., Montreal 1877 Blackkock, John J., Chesterville, O 1881 Blackkock, John J., Chesterville, O 1881		
Alguire, Duncan O., Cornwall, O. 1873 Allard, Henry. Belegil, Q. 1866 †Allan, Hamilton, Tacoma, W. T. 1872 Allan, J. H. B.; Swanton, V. T. 1883 Alloway, Thomas Johnson, Montreal 1885 *Anderson, John C., 1865 *Anderson, Alex., Med. Dept. Indian Army 1866 Archer, Ths., Wandsworth, Eng 1869 *Armstrong, Geo. E., Montreal 1877 *Arnoldi, Daniel (Hon.), Armstrong, Geo. E., Montreal 1877 *Arhur, R. H., Chapleau, O. 1886 *Antit, Charles, Montreal 1875 *Ault, Lagwin D., Aultsville, O. 1886 Aylen, P., Battleford, N. W. 1886 Aylen, John, Aylmer, Q. 1863 Aylen, P., Battleford, N. W. 1886 Aylen, W. W., Braidwood, Ill. 1870 Baickhouse, J. B., Baridwood, Ill. 1870 Baich, Hugh U., Prince Albert, Man 1874 Bain, James G., Pakenham, O. 1870 Baird, T. A. D., Bay City, Mich. 1885 Bain, Hugh U., Prince Albert, Man 1874 Baretlay, George, Parkhill, O. 1870 Barrett, Jos. A., Cresco, Iowa 1884 Barclay, George, Parkhill, O. 1870 Barrett, Jos. A., Cresco, Iowa 1884 Bartelsty, Charles, Port Dover O. 1861 Baynes, Geo. Aylmer, Montreal Q. 1889 Barnston, James (ad. eun.), 1876 Barett, Jos. A., Cresco, Iowa 1884 Barclay, George, Parkhill, O. 1870 Bartett, Jos. A., Cresco, Iowa 1884 Bartelsty, Charles, Port Dover O. 1861 Baynes, Geo. Aylmer, Montreal Q. 1889 Baretlay, George, Parkhill, O. 1870 Beatty, D., Richmond, Carlt. Co., O. 1882 Baunday, Louis B., St. Césaire, Q. 1871 Bell, Robert W., Bell, Robert W., Bell, Robert W., Bell, Robert W., Bell, J. H., B.A., Belleau, Alfred, Bergy, J. A., Berry, J. A., Berry, J. A., Belleau, Alfred, Bergeron, Joseph, Bergin, Darby, Berry, J. A., Bender, Prosper, Benson, Joseph B, Bessey, William E.,	Aborn, W. H., St. Pauls Minn 1887	*Pon
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Bain, Hugh U., Prince Albert, Man Bard Bard, James G., Bard, James G., Bard, James (ad. eun.), Bay City, Mich 1855 Baker, Albert, Barclay, George, Barnston, James (ad. eun.), Bartersby. Charles, Port Dover O 1861 Baynes, Geo. Aylmer, Montreal, Q 1869 Baynes, Jonald, M.A., London. Eng 1876 Baynes, Geo. Aylmer, Montreal, Q 1869 Beandette, Alfred, Beanderte, Alfred, Beanderte, Alfred, Bendert, Louis B., St. Césaire, Q 1871 Beckstead, M., Lisbón Centre, St. Law. Co., N.Y 1878 Burl Bell, Robert W., Bell, Robert C.E., Bell, J. H., B. A., Belleau, Alfred, Bergeron, Joseph, Bergin, Darby, Berry, J. A., Berry, R. P., Bessey, William E., Benson, Joseph B, Bibaud, Jean G., Bibaud, Jean G., Birkett, H. S., Blackader, Alex. D., B. A., Montreal 1877 Blackader, Lex. J. Charlest and Montreal 1871 Blackader, E. H. P., B. A., Montreal 1871 Blackader, Lex. J. Charlest and Montreal 1871 Blackader, J. Lex. J. Charlest and J. Scott		T
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Bain, Hugh U., Prince Albert, Man Bard Bard, James G., Bard, James G., Bard, James (ad. eun.), Bay City, Mich 1855 Baker, Albert, Barclay, George, Barnston, James (ad. eun.), Bartersby. Charles, Port Dover O 1861 Baynes, Geo. Aylmer, Montreal, Q 1869 Baynes, Jonald, M.A., London. Eng 1876 Baynes, Geo. Aylmer, Montreal, Q 1869 Beandette, Alfred, Beanderte, Alfred, Beanderte, Alfred, Bendert, Louis B., St. Césaire, Q 1871 Beckstead, M., Lisbón Centre, St. Law. Co., N.Y 1878 Burl Bell, Robert W., Bell, Robert C.E., Bell, J. H., B. A., Belleau, Alfred, Bergeron, Joseph, Bergin, Darby, Berry, J. A., Berry, R. P., Bessey, William E., Benson, Joseph B, Bibaud, Jean G., Bibaud, Jean G., Birkett, H. S., Blackader, Alex. D., B. A., Montreal 1877 Blackader, Lex. J. Charlest and Montreal 1871 Blackader, E. H. P., B. A., Montreal 1871 Blackader, Lex. J. Charlest and Montreal 1871 Blackader, J. Lex. J. Charlest and J. Scott	Baer, D. C., Summerfield, Ill 1888	
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Bartertt, Jos. A., Battersby, Charles, Battersby, Charles, Battersby, Charles, Baynes, Geo. Aylmer, Baynes, Donald, M.A., Beatty, D., Richmond, Carlt. Co., O 1862 *Beauderte, Alfred, Beaudert, Louis B., Beekstead, M.,  *Bell. John, M.A., Bell. Robert W., Bell. Robert W., Bell. James, Bell. J. H., B.A., Belleau, Alfred, Belleau, Alfred, Belleau, Alfred, Belleau, Alfred, Belleau, O 1873 Burl Burl Burl Burl Burl Burl Burl Burl	*Barnston, James (ad. eun.), 1856	*Bucl
Beandry, Louis B., Beckstead, M., Belk Robert W., Bell, Robert W., Bell, Robert C.E., Bell, J. H., B.A., Belleau, Alfred, Berry, J. A., Berry, J. A., Berry, R. P., Bersey, William E., Benson, Joseph B, Bessey, William E., Benson, Joseph B, Bessey, William E., Benson, Joseph B, Bessed, R. Posper, Benson, Joseph B, Bessed, R. Posper, Benson, Joseph B, Bibaud, Jean G., Bilback, J. A., Bilback, J. Bark, Belleckter, E. H. P., B. A., Blackader, E. H. P., B. A., Blackader, J. E. P., B. A., Blackader, J. S. B. Casarie, Q. 1871 Burl Burl Burl Burl Burl Burl Burl Burl Burl	Barrett, Jos. A., Cresco, Iowa 1884	Buck
Beandry, Louis B., Beckstead, M., Belk Robert W., Bell, Robert W., Bell, Robert C.E., Bell, J. H., B.A., Belleau, Alfred, Berry, J. A., Berry, J. A., Berry, R. P., Bersey, William E., Benson, Joseph B, Bessey, William E., Benson, Joseph B, Bessey, William E., Benson, Joseph B, Bessed, R. Posper, Benson, Joseph B, Bessed, R. Posper, Benson, Joseph B, Bibaud, Jean G., Bilback, J. A., Bilback, J. Bark, Belleckter, E. H. P., B. A., Blackader, E. H. P., B. A., Blackader, J. E. P., B. A., Blackader, J. S. B. Casarie, Q. 1871 Burl Burl Burl Burl Burl Burl Burl Burl Burl	Battersby, Charles. Port Dover 0 1861	*Bucl
Beandry, Louis B., Beckstead, M., Belk Robert W., Bell, Robert W., Bell, Robert C.E., Bell, J. H., B.A., Belleau, Alfred, Berry, J. A., Berry, J. A., Berry, R. P., Bersey, William E., Benson, Joseph B, Bessey, William E., Benson, Joseph B, Bessey, William E., Benson, Joseph B, Bessed, R. Posper, Benson, Joseph B, Bessed, R. Posper, Benson, Joseph B, Bibaud, Jean G., Bilback, J. A., Bilback, J. Bark, Belleckter, E. H. P., B. A., Blackader, E. H. P., B. A., Blackader, J. E. P., B. A., Blackader, J. S. B. Casarie, Q. 1871 Burl Burl Burl Burl Burl Burl Burl Burl Burl	Baynes, Geo. Avlmer. Montreal, O 1869 1	Buck
Beandry, Louis B., Beckstead, M., Belk Robert W., Bell, Robert W., Bell, Robert C.E., Bell, J. H., B.A., Belleau, Alfred, Berry, J. A., Berry, J. A., Berry, R. P., Bersey, William E., Benson, Joseph B, Bessey, William E., Benson, Joseph B, Bessey, William E., Benson, Joseph B, Bessed, R. Posper, Benson, Joseph B, Bessed, R. Posper, Benson, Joseph B, Bibaud, Jean G., Bilback, J. A., Bilback, J. Bark, Belleckter, E. H. P., B. A., Blackader, E. H. P., B. A., Blackader, J. E. P., B. A., Blackader, J. S. B. Casarie, Q. 1871 Burl Burl Burl Burl Burl Burl Burl Burl Burl	Baynes, Donald, M.A., London, Eng 1876	Bull.
Beandry, Louis B., Beckstead, M., Belk Robert W., Bell, Robert W., Bell, Robert C.E., Bell, J. H., B.A., Belleau, Alfred, Berry, J. A., Berry, J. A., Berry, R. P., Bersey, William E., Benson, Joseph B, Bessey, William E., Benson, Joseph B, Bessey, William E., Benson, Joseph B, Bessed, R. Posper, Benson, Joseph B, Bessed, R. Posper, Benson, Joseph B, Bibaud, Jean G., Bilback, J. A., Bilback, J. Bark, Belleckter, E. H. P., B. A., Blackader, E. H. P., B. A., Blackader, J. E. P., B. A., Blackader, J. S. B. Casarie, Q. 1871 Burl Burl Burl Burl Burl Burl Burl Burl Burl	Bestty D. Richmond Carlt Co. O 1862	*Bull
Beandry, Louis B., Beckstead, M., Belk Robert W., Bell, Robert W., Bell, Robert C.E., Bell, J. H., B.A., Belleau, Alfred, Berry, J. A., Berry, J. A., Berry, R. P., Bersey, William E., Benson, Joseph B, Bessey, William E., Benson, Joseph B, Bessey, William E., Benson, Joseph B, Bessed, R. Posper, Benson, Joseph B, Bessed, R. Posper, Benson, Joseph B, Bibaud, Jean G., Bilback, J. A., Bilback, J. Bark, Belleckter, E. H. P., B. A., Blackader, E. H. P., B. A., Blackader, J. E. P., B. A., Blackader, J. S. B. Casarie, Q. 1871 Burl Burl Burl Burl Burl Burl Burl Burl Burl	*Regulatte Alfred 1865	Bulle
**Bell. John, M.A., Bell. Robert W., Bell, Robert, C.E., Bell, James. Bell, J. H., B.A., Belleau, Alfred, Berry, J. A., Berry, J. A., Berry, R. P., Berry, R. P., Bersey, William E., Bender, Prosper, Benson, Joseph B, **Bibaud, Jean G., **Bibrate, Jean B. Bender, Prosper, Benson, Joseph B, Bibaud, Jean G., **Bibrate, Jean B. Bender, Prosper, Benson, Joseph B, Bibaud, Jean G., **Bibrate, Jean B. Bender, Alex. D., B. A., Montreal, Q 1886 Cam Burl Barkett, H. S., Blackader, Alex. D., B. A., Montreal 1877 Cam Blackader, E. H. P., B. A., Montreal 1887 Cam Blackader, E. H. P., B. A., Montreal 1887 Cam Cam Blackader, E. H. P., B. A., Montreal 1887 Cam Cam Blackader, E. H. P., B. A., Montreal 1887 Cam Cam Blackader, E. H. P., B. A., Montreal 1887 Cam Cam Blackader, E. H. P., B. A., Montreal 1887 Cam Cam Blackader, E. H. P., B. A., Montreal 1887 Cam Blackader, E. H. P., B. A., Montreal 1887 Cam Blackader, B.	Reandry Louis B St Cagaire 0 1871	Burge
**Bell. John, M.A., Bell. Robert W., Bell, Robert, C.E., Bell, James. Bell, J. H., B.A., Belleau, Alfred, Berry, J. A., Berry, J. A., Berry, R. P., Berry, R. P., Bersey, William E., Bender, Prosper, Benson, Joseph B, **Bibaud, Jean G., **Bibrate, Jean B. Bender, Prosper, Benson, Joseph B, Bibaud, Jean G., **Bibrate, Jean B. Bender, Prosper, Benson, Joseph B, Bibaud, Jean G., **Bibrate, Jean B. Bender, Alex. D., B. A., Montreal, Q 1886 Cam Burl Barkett, H. S., Blackader, Alex. D., B. A., Montreal 1877 Cam Blackader, E. H. P., B. A., Montreal 1887 Cam Blackader, E. H. P., B. A., Montreal 1887 Cam Cam Blackader, E. H. P., B. A., Montreal 1887 Cam Cam Blackader, E. H. P., B. A., Montreal 1887 Cam Cam Blackader, E. H. P., B. A., Montreal 1887 Cam Cam Blackader, E. H. P., B. A., Montreal 1887 Cam Cam Blackader, E. H. P., B. A., Montreal 1887 Cam Blackader, E. H. P., B. A., Montreal 1887 Cam Blackader, B.	Rockstood M Lishon Contro St	Burgh
**Bell. John, M.A., Bell. Robert W., Bell, Robert, C.E., Bell, James. Bell, J. H., B.A., Belleau, Alfred, Berry, J. A., Berry, J. A., Berry, R. P., Berry, R. P., Bersey, William E., Bender, Prosper, Benson, Joseph B, **Bibaud, Jean G., **Bibrate, Jean B. Bender, Prosper, Benson, Joseph B, Bibaud, Jean G., **Bibrate, Jean B. Bender, Prosper, Benson, Joseph B, Bibaud, Jean G., **Bibrate, Jean B. Bender, Alex. D., B. A., Montreal, Q 1886 Cam Burl Barkett, H. S., Blackader, Alex. D., B. A., Montreal 1877 Cam Cam Blackader, E. H. P., B. A., Montreal 1887 Cam Cam Blackader, E. H. P., B. A., Montreal 1887 Cam Cam Blackader, E. H. P., B. A., Montreal 1887 Cam	Liston Centre, St.	*Burl
*Bibaud, Jean G., 1845 Hirkett, H. S., Montreal, Q 1886 Cabs Blackader, Alex. D., B. A., Montreal 1871 Blackader, E. H. P., B. A., Montreal 1887 Cam Blackader, L. H. P., B. Chestorilla O 1851	*Dell Tolon M A 1866	Burlo
*Bibaud, Jean G., 1845 Hirkett, H. S., Montreal, Q 1886 Cabs Blackader, Alex. D., B. A., Montreal 1871 Blackader, E. H. P., B. A., Montreal 1887 Cam Blackader, L. H. P., B. Chestorilla O 1851	Poll Debowt W Detembers' 0 1879	Burla
*Bibaud, Jean G., 1845 Hirkett, H. S., Montreal, Q 1886 Cabs Blackader, Alex. D., B. A., Montreal 1871 Blackader, E. H. P., B. A., Montreal 1887 Cam Blackader, L. H. P., B. Chestorilla O 1851	+Dell Lawrence W., Feterboro, U 1975	
*Bibaud, Jean G., 1845 Hirkett, H. S., Montreal, Q 1886 Cabs Blackader, Alex. D., B. A., Montreal 1871 Blackader, E. H. P., B. A., Montreal 1887 Cam Blackader, L. H. P., B. Chestorilla O 1851	Dell Dalles. Montreal 1977	
*Bibaud, Jean G., 1845 Hirkett, H. S., Montreal, Q 1886 Cabs Blackader, Alex. D., B. A., Montreal 1871 Blackader, E. H. P., B. A., Montreal 1887 Cam Blackader, L. H. P., B. Chestorilla O 1851	Dell, Robert, U.E., Uttawa 1878	
*Bibaud, Jean G., 1845 Hirkett, H. S., Montreal, Q 1886 Cabs Blackader, Alex. D., B. A., Montreal 1871 Blackader, E. H. P., B. A., Montreal 1887 Cam Blackader, L. H. P., B. Chestorilla O 1851	Bell, J. H., B.A., Montreal, Q 1000	Durro
*Bibaud, Jean G., 1845 Hirkett, H. S., Montreal, Q 1886 Cabs Blackader, Alex. D., B. A., Montreal 1871 Blackader, E. H. P., B. A., Montreal 1887 Cam Blackader, L. H. P., B. Chestorilla O 1851	Belleau, Alfred, Quebec 1002	
*Bibaud, Jean G., 1845 Hirkett, H. S., Montreal, Q 1886 Cabs Blackader, Alex. D., B. A., Montreal 1871 Blackader, E. H. P., B. A., Montreal 1887 Cam Blackader, L. H. P., B. Chestorilla O 1851	*Bergeron, Joseph,	Buri
*Bibaud, Jean G., 1845 Hirkett, H. S., Montreal, Q 1886 Cabs Blackader, Alex. D., B. A., Montreal 1871 Blackader, E. H. P., B. A., Montreal 1887 Cam Blackader, L. H. P., B. Chestorilla O 1851	Bergin, Darby, Cornwall, 0 1847	Buri
*Bibaud, Jean G., 1845 Hirkett, H. S., Montreal, Q 1886 Cabs Blackader, Alex. D., B. A., Montreal 1871 Blackader, E. H. P., B. A., Montreal 1887 Cam Blackader, L. H. P., B. Chestorilla O 1851	Berry, J. A., Seeley's Bay, 0 1887	Burri
*Bibaud, Jean G., 1845 Hirkett, H. S., Montreal, Q 1886 Cabs Blackader, Alex. D., B. A., Montreal 1871 Blackader, E. H. P., B. A., Montreal 1887 Cam Blackader, L. H. P., B. Chestorilla O 1851	Berry, R. P., Lindsay, O 1888	Burwa
*Bibaud, Jean G., 1845 Hirkett, H. S., Montreal, Q 1886 Cabs Blackader, Alex. D., B. A., Montreal 1871 Blackader, E. H. P., B. A., Montreal 1887 Cam Blackader, L. H. P., B. Chestorilla O 1851	Bessey, William E., Toronto, 0 1863	*Butl
*Bibaud, Jean G., 1845 Hirkett, H. S., Montreal, Q 1886 Cabs Blackader, Alex. D., B. A., Montreal 1871 Blackader, E. H. P., B. A., Montreal 1887 Cam Blackader, L. H. P., B. Chestorilla O 1851	Bender, Prosper, Boston, Mass 1865	Butle
*Bibaud, Jean G., 1845 Hirkett, H. S., Montreal, Q 1886 Cabs Blackader, Alex. D., B. A., Montreal 1871 Blackader, E. H. P., B. A., Montreal 1887 Cam Blackader, L. H. P., B. Chestorilla O 1851	Benson, Joseph B. Chatham, N.B 1875	*Buxt
†Birkett, H. S., Montreal, Q. 1886 Cahs Blackader, Alex. D., B. A., Montreal 1871 Blackader, E. H. P., B. A., Montreal 1871 Blackaler, E. H. P., B. A., Montreal 1887 Blackaler, E. H. P., B. A., Montreal 1887 Cam Came *Blanchet, J. B., Blair, Robt. C *Bligh, John W., Bogart, Irvine D., Boggs, G. W.,  Mene, O. 1859 Parsboro', N.S. 1886 Came Came	*Bibaud, Jean G., 1843	
Blackader, Alex. D., B.A., Montreal 1871 Cam Blackader, E. H. P., B.A., Montreal 1887 Cam Blacklock, John J., Chesterville, O 1851 Cam *Blanchet, J. B., Three Rivers, Q 1865 L865 Cam Blair, Robt. C., Mene, O 1859 Cam Boggs, G. W., Parsboro', N.S 1886 Cam	†Birkett, H. S., Montreal, O 1886	Cahal
Blackader, E. H. P., B. A., Montreal 1887         Cam           Blacklock, John J., *Blanchet, J. B., Blair, Robt. C         Chesterville, O 1851           *Bligh, John W., Bogart, Irvine D., Bogss, G. W.,         Mene, O 1859           Parsboro', N.S 1886         Cam           Cam         Cam	Blackader, Alex. D., B. A., Montreal 1871	Camer
Blacklock, John J., Chesterville, O 1851 Cam *Blainchet, J. B., Blair, Robt. C Three Rivers, Q 1865 Cam *Bligh, John W., Bogart, Irvine D., Boggs, G. W.,  *Boggs, G. W.,  Came Came Came Came	Blackader E H P. B. A. Montreal 1887	Came
*Blanchet, J. B., Blair, Robt. C *Bligh, John W., Bogart, Irvine D., Bogss, G. W., *Bigh, John W., Bogss, G. W., *Bright, John W., Bogss, G. W., *Bright, John W., Bright, John W., Bright, John W., Bright, J.	Blacklock John J Chesterville 0 1851	Came
Blair, Robt. C  *Bligh, John W., Bogart, Irvine D., Boggs, G. W.,  Three Rivers, Q 1865 1865 Cam Came Came Came	*Rlanchet I P	Came
Bligh, John W., Bogart, Irvine D., Boggs, G. W.,  Mene, O 1859 Cam Parsboro', N.S 1886 Came	Blair Poht C Three Rivers O 1865	
Bogart, Irvine D., Bogars, G. W.,  Mene, O 1859 Came Parsboro', N.S 1886	*Dish Tohn W	
Boggs, G. W., Parsboro', N.S. 1886   Came	Pagest Toring D. More O 1850	
Doggs, G. W., Parsboro, N.S 1000   Camb	Dogart, Irvine D., Dorehoro' N. S. 1886	
	Doggs, G. W., Parsboro, N.S. 1880	Camel

*Bomberry Goo E	1075
*Bomberry, Geo. E., Bonesteel, S. A., Boone, S. W., B.A.,	Colombus Nah 1991
Donesteel, S. A.,	Colombus, Neb 1881
Boone, S. W., B.A., Booth, J. S,	Fredericton, NB 1887
Booth, J. S,	Fredericton, NB 1887 Montreal, Q 1889 Stirling, O 1852 Kingston, NB 1882
Boulter, Geo. H.,	Stirling, O 1852
Bowser, J. C.,	Kingston, N.B 1883
Booth, J. S., Boulter, Geo. H., Bowser, J. C., *Boyer, Louis, Boyd, Jay., *Boylan, Andrew A., Boyle, Albert D., *Bowman, William I, Bowen, W., B.A., Bower, Silas J., *Bradley, William, Bradley, W. I., B.A., *Braithwaite, Franci	1842
Boyd, Jay	Vankleek Hill, O 1887
*Boylan Androw A	1857
Pouls Albant D	C-1 NO.1 1007
*Doyle, Albert D.,	Carbonear Nfld 1877
Dowman, William I	E., 1860
Bowen, W., B.A.,	Knoxville, Tenn 1887
Bower, Silas J.,	Waddington, N.Y 1865
*Bradley, William.	1889
Bradley, W. L. B.A.	, Carleton Pl., O 1888
*Braithwaite, Franci	is H., 1863
Brandon John	Ancaster, 0 1867
Broglin William T	Agth Degiment 1947
Drieband Logich C	46th Regiment 1847
Brandon, John, Breslin, William I., Brigham, Josiah S., Brissette, Henry R., *Bristol, Amos S.,	Phillipsburg, Q 1848
Brissette, Henry R.,	Lowell, Mass 1871
*Bristol, Amos S.,	Napanee, O 1850
Brodeur, Alphonse,	Napanee, O 1850 Roxton Falls, Q 1863 poolulu, Sdwh Isl 1877
Brodie, John. He	onolulu, Sdwh Isl 1877
*Brouse, William H. Brouse, Jacob E.,	, 1847
Prouse Josep E	Brockville, 0 1861
Drouse, Jacob E.,	Brockville, O 1861
Brossard, J. D. J.,	Laprairie, Q 1875
Brossard, J. B. J., Brown, G. A., Brown, Peter E., Brown, Harry, 408	Montreal, Q 1889
Brown, Peter E.,	Montreal, Q 1863
Brown, Harry, 405	W. Washington
	St Chicago 1873
Brown, J. L.	Plattsville, O 1879
Browne Thos T.	Melbourne, Q 1881
Brown, J. L., Browne, Thos. L., Brown, Chs. O.,	Broome, P.Q 1882
Drown, Ons. O.,	Droome, F. & 1004
Browne, Arthur A.,	B. A., Montreal 1872
*Dancau, Audipho,	Sorel, Q 1853
*Bruneau, Oliver T. (	Hon.), Sorel, Q 1893
*Bruneau, Oliver T. ( *Bruneau, Onésime,	Hon.), Sorei, Q 1853 1843 1851
*Bruneau, Oliver T. ( *Bruneau, Onésime, Bryson, William G.,	Hon.), 1843 1851 Fenelon Falls, O 1867
*Bruneau, Oliver T. ( *Bruneau, Onésime, Bryson, William G., *Bucke, Edward H	Hon.), 1843 1851 Fenelon Falls, 0 1867 1852
*Bruneau, Oliver T. ( *Bruneau, Onésime, Bryson, William G., *Bucke, Edward H., Bucke, Bichard Manu	Hon.), 1853 1843 1851 Fenelon Falls, 0 1867 1852 sice. London, 0 1862
*Bruneau, Oliver T. ( *Bruneau, Onésime, Bryson, William G., *Bucke, Edward H., Bucke, Richard Maur *Buckle, John M. C.	Hon.), 1843 1851 Fenelon Falls, 0 1867 1852 rice, London, 0 1862
*Bruneau, Oliver T. ( *Bruneau, Onésime, Bryson, William G., *Bucke, Edward H., Bucke, Richard Maur *Buckle, John M. C., Buckle, William P.	Hon.), 1893 1843 1851 Fenelon Falls, 0 1867 rice, London, 0 1862 1869
*Bruneau, Oliver T. ( *Bruneau, Onésime, Bryson, William G., *Bucke, Edward H., Bucke, Richard Mau *Buckle, John M. C., Buckley, William P	Hon.), 1843 1843 1851 Fenelon Falls, 0 1867 1862 Prescott, 0 1870 Prescott, 0 1870
*Bruneau, Oliver T. ( *Bruneau, Onésime, Bryson, William G., *Bucke, Edward H., Bucke, Richard Maur *Buckle, John M. C., Buckley, William P., Bull, George J.,	Hon.), 1843 1851 Fenelon Falls, 0 1867 Sice, London, 0 1862 1869 Prescott, 0 1870 New York 1869
*Bruneau, Oliver T. ( *Bruneau, Onésime, Bryson, William G., *Bucke, Edward H., Bucke, Edward Mau *Buckle, John M. C., Buckley, William P Bull, George J., *Bullen, Charles F.,	Hon.), 1843 1843 1851 Fencion Falls, 0 1867 cice, London, 0 1862 Prescott, 0 1870 New York 1869
*Bruneau, Oliver T. ( *Bruneau, Onésime, Bryson, William G., *Bucke, Edward H., Bucke, Richard Mau, *Buckle, John M. C., Buckley, William P., Bull, George J., *Bullen, Charles F., Buller, Frank,	Hon.), 1843 1843 1851 Fenelon Falls, 0 1867 1852 ice, London, 0 1862 1869 Prescott, 0 1870 New York 1869 1864 Montreal 1879
Browne, Arthur A., Bruneau, Adolphe. *Bruneau, Oliver T. (*Bruneau, Onesime, Bryson, William G., *Bucke, Edward H., Bucke, Edward H., Bucke, John M. C., Buckley, William P Bull, George J., *Bullen, Charles F., Buller, Frank, Burgess, J. A	Hon.), 1843 1843 Fencion Falls, 0 1867 1862 Prescott, 0 1870 New York 1869 Montreal 1879 Listowell, 0 1868
*Bruneau, Oliver T. ( *Bruneau, Onésime, Bryson, William G., *Bucke, Edward H., Bucke, Richard Mauu *Buckle, John M. C., Buckley, William P., Bull, George J., *Bullen, Charles F., Buller, Frank, Burgess, J. A., Burch, B. F., Walla V	Hon.), 1843 1851 Ferelon Falls, 0 1867 Sice, London, 0 1862 1869 Prescott, 0 1870 New York 1869 Montreal 1879 Listowell, 0 1868 Valla, Wash. Ter 1866
*Bruneau, Oliver T. ( *Bruneau, Onésime, Bryson, William G., *Bucke, Edward H., Bucke, Richard Mau *Buckle, John M. C., Buckley, William P., Bullen, Charles F., *Bullen, Frank, Burgess, J. A., Burch, B. F., Walla V *Burland, John H.	Hon.), 1843 1843 Fencion Falls, 0 1867 1852 Prescott, 0 1870 New York 1869 Montreal 1879 Listowell, 0 1868 Valla, Wash. Ter 1866
*Bruneau, Oliver T. ( *Bruneau, Onésime, Bryson, William G., *Bucke, Edward H., Bucke, Richard Mau *Buckle, John M. C., Buckley, William P. Bull, George J., *Bullen, Charles F., Buller, Frank, Burgess, J. A. Burch, B. F., Walla V *Burland, John H *Burland, William R.	Hon.), 1843 1851 Fencion Falls, 0 1867 rice, London, 0 1862 Prescott, 0 1870 New York 1869 Montreal 1879 Listowell, 0 1868 Valla, Wash. Ter 1866 Montreal 1879
*Bruneau, Oliver T. ( *Bruneau, Onésime, Bryson, William G., *Bucke, Edward H., Bucke, Richard Mau *Buckle, John M. C., Buckley, William P., Bull, George J., *Bullen, Charles F., Bullen, Frank, Burgess, J. A., Burch, B. F., Walla V *Burland, John H., Burland, William H, Burland, William H,	Hon.), 1843 1843 1851 Fencion Falls, 0 1867 1852 Prescott, 0 1870 New York 1869 Montreal 1872 Wilshton Flu 1863 Montreal 1872 Wilshton Flu 1875
*Bruneau, Oliver T. ( *Bruneau, Onésime, Bryson, William G., *Bucke, Edward H., Bucke, Edward H., Bucke, John M. C., Buckley, William P Bullen, George J., *Bullen, Charles F., Buller, Frank, Burgess, J. A Burch, B. F., Walla V *Burland, William B., Burland, William B., Burland, William H.,	Hon.), 1843 1851 Fencion Falls, 0 1867 rice, London, 0 1862 Prescott, 0 1870 New York 1869 Montreal 1879 Listowell, 0 1868 Valla, Wash. Ter 1866 Montreal 1872 Wilshton, Fla 1875 Chester Parn 1877
*Bruneau, Oliver T. ( *Bruneau, Onésime, Bryson, William G., *Bucke, Edward H., Bucke, Richard Maun *Buckle, John M. C., Buckley, William P., Bullen, Charles F., *Bullen, Charles F., Burgess, J. A., Burch, B. F., Walla V *Burland, John H., Burland, William H., Burland, William H., Burland, Samuel C.,	Hon.), 1843 1843 Fencion Falls, 0 1867 1852 Prescott, 0 1870 New York 1869 Montreal 1879 Listowell, 0 1868 Walla, Wash. Ter 1866 Montreal 1875 Chester, Penn 1875
*Bruneau, Oliver T. ( *Bruneau, Onésime, Bryson, William G., *Bucke, Edward H., Bucke, Edward H., Bucke, Edward H., Bucke, John M. C., Buckley, William P., Bullen, Charles F., Buller, Frank, Burgess, J. A., Burch, B. F., Walla V *Burland, John H., *Burland, William B., Burland, William B., Burland, Samuel C., Burland, Samuel C., Burland, Benj. W.,	Hon.), 1843 1851 Fencion Falls, 0 1867 rice, London, 0 1862 Prescott, 0 1870 New York 1869 Montreal 1879 Listowell, 0 1868 Walla, Wash. Ter 1866 Montreal 1872 Wilshton, Fla 1877 Chester, Penn 1877 Mineyille, N. Y. 1882
*Bruneau, Oliver T. ( *Bruneau, Onésime, Bryson, William G., *Bucke, Edward H., Bucke, Edward H., Bucke, Richard Mau *Buckley, William P Bull, George J., *Bullen, Charles F., Bullen, Charles F., Burlen, Frank, Burgess, J. A., Burch, B. F., Walla V *Burland, William H., Burland, William H., Burland, Samuel C., Burland, Beni, W.,	Hon.), 1843 Hon.), 1843 Fencion Falls, 0 1867 1852 Fice, London, 0 1862 Prescott, 0 1870 New York 1869 1864 Montreal 1879 Listowell, 0 1868 Montreal 1879 Wilshton, Fla 1863 Montreal 1872 Chester, Penn 1877 Chester, Penn 1877 Mineville, N. Y 1882 Lindsay, 0 1866
*Bruneau, Oliver T. ( *Bruneau, Onésime, Bryson, William G., *Bucke, Edward H., Bucke, Eichard Mau *Buckle, John M. C., Buckley, William P., Bull, George J., *Bullen, Charles F., Buller, Frank, Burgess, J. A., Burch, B. F., Walla V, *Burland, John H., Burland, William B., Burland, William B., Burland, Samuel C., Burland, Benj, W., Burrows, Philip P., Burrows, F. N.,	Hon.), 1843 1843 1851 Fencion Falls, 0 1867 sice, London, 0 1862 Prescott, 0 1870 New York 1869 Montreal 1879 Listowell, 0 1868 Walla, Wash. Ter 1866 Montreal 1872 Wilshton, Fla 1875 Chester, Penn 1877 Mineville, N. Y. 1882 Lindsay, 0 1866 Montreal, Q 1885
*Bruneau, Oliver T. ( *Bruneau, Onésime, Bryson, William G., *Bucke, Edward H., Bucke, Edward H., Bucke, Richard Mauu *Buckley, William P Bull. George J., *Bullen, Charles F., Bullen, Frank, Burgess, J. A., Burch, B. F., Walla V *Burland, William H., Burland, William H., Burland, Samuel C., Burrows, F. N., *Burrows, F. N., *Burrows, F. N., *Burrows, F. N., *Burrows, F. N., *Burnam, Robert W.	Hon.), 1843 Hon.), 1843 Fenelon Falls, 0 1867 1852 Fice, London, 0 1862 Prescott, 0 1870 New York 1869 Montreal 1879 Listowell, 0 1868 Montreal 1879 Wilshton, Fla 1876 Chester, Penn 1877 Mineville, N. Y 1882 Lindsay, 0 1866 Montreal, 0 1868 Kilkins, 1869
*Bruneau, Oliver T. ( *Bruneau, Onésime, Bryson, William G., *Bucke, Edward H., Bucke, Richard Mau *Buckle, John M. C., Buckley, William P., Bull, George J., *Bullen, Charles F., Buller, Frank, Burgess, J. A., Burch, B. F., Walla V, *Burland, John H., Burland, William H., Burland, William H., Burland, Samuel C., Burland, Benj. W., Burrows, Philip P., Burrows, F. N., *Burnham, Robert W, *Burnham, Robert W, *Burns, Alfred J.,	Hon.), 1843 Hon.), 1843 Fencion Falls, 0 1867 Fice, London, 0 1862 Prescott, 0 1870 New York 1869 Montreal 1872 Listowell, 0 1868 Walla, Wash. Ter 1866 Montreal 1872 Chester, Penn 1877 Mineville, N. Y 1882 Lindsay, 0 1866 Montreal, Q 1885 Yilkins, 1869
*Bruneau, Oliver T. ( *Bruneau, Oliver T. ( *Bruneau, Oliver T. ( *Bruneau, Onésime, Bryson, William G., *Bucke, Edward H., Bucke, Edward H., Bucke, Richard Mauu *Buckle, John M. C., Buckley, William P Bullen, Charles F., Bullen, Frank, Burgess, J. A., Burgess, J. A., Burch, B. F. Walla V *Burland, William H., Burland, William H., Burland, William H., Burland, Beni, W., Burrows, F. N., *Burnham, Robert W *Burns, Affred J., Burrist, Horatic C.,	Hon.), 1843 Hon.), 1843 Fenelon Falls, 0 1867 1852 Fice, London, 0 1862 Prescott, 0 1870 New York 1869 Montreal 1879 Listowell, 0 1868 Walla, Wash. Ter 1866 Montreal 1872 Wilshton, Fla 1875 Chester, Penn 1877 Mineville, N. Y 1882 Lindsay, 0 1866 Montreal, Q 1885 Tilkins, 1869 1864 Toronto, 0 1863
*Bruneau, Oliver T. ( *Bruneau, Onésime, Bryson, William G., *Bucke, Richard Mau *Buckle, John M. C., Buckley, William P Bullen, Charles F., Bullen, Charles F., Bullen, Frank, Burgess, J. A Burch, B. F., Walla V *Burland, John H Burland, William B., Burland, William B., Burland, William H., Burland, Benj. W., Burnws, Philip P., Burrows, F. N *Burnham, Robert W *Burns, Affred J., Burritt, Horatio C., Burratio C	Hon.), 1843 Hon.), 1843 Fencion Falls, 0 1867 Fice, London, 0 1862 Prescott, 0 1870 New York 1869 Montreal 1879 Listowell, 0 1868 Walla, Wash. Ter 1866 Montreal 1872 Wilshton, Fla 1875 Chester, Penn 1877 Mineville, N. Y 1882 Lindsay, 0 1866 Montreal, Q 1885 Tilkins, 1869 Toronto, 0 1863
*Bruneau, Oliver T. ( *Bruneau, Oliver T. ( *Bruneau, Oliver T. ( *Bruneau, Onésime, Bryson, William G., *Bucke, Edward H., Bucke, Edward H., Bucke, Richard Mauu *Buckle, John M. C., Buckley, William P Bullen, Charles F., Bullen, Charles F., Bullen, Frank, Burgess, J. A., Burgess, J. A., Burch, B. F. Walla V *Burland, William H., Burland, William H., Burland, William H., Burland, Beni, W., Burrows, F. N., *Burnham, Robert W *Burns, Affred J., Burritt, Horatic C., Burwash, Hy, J., Mil	Hon.), 1843 Hon.), 1851 Fenelon Falls, 0 1867 1852 Fice, London, 0 1862 Prescott, 0 1870 New York 1869 Montreal 1879 Listowell, 0 1868 Walla, Wash. Ter 1866 Montreal 1872 Wilshton, Fla 1875 Chester, Penn 1877 Mineville, N. Y 1882 Lindsay, 0 1866 Montreal, Q 1885 Yilkins, 1854 Toronto, 0 1868 w. Ave., Chicago 1879
**Bruneau, Oliver T. (**Bruneau, Onésime, Bryson, William G., **Bucke, Edward H., **Bucke, Edward H., Bucke, Richard Mau**Buckle, John M. C., Buckley, William P., Bullen, Charles F., **Bullen, Charles F., Bullen, Charles F., Walla V., **Burland, John H., Burland, John H., Burland, William B., Burland, Samuel C., Burland, Benj. W., Burrows, Philip P., Burrows, F. N., **Burnham, Robert W., **Burnham, Robert W., Burritt, Horatio C., Burwash, Hy. J., Mil **Butler, George C., **Datter Elle, E.	Hon.), 1843 Hon.), 1843 Fencion Falls, 0 1867 Fencion Falls, 0 1867 Prescott, 0 1870 New York 1869 Montreal 1879 Listowell, 0 1868 Walla, Wash. Ter 1866 Montreal 1872 Wilshton, Fla 1875 Chester, Penn Mineville, N. Y 1882 Lindsay, 0 1866 Montreal, Q 1885 Tilkins, 1869 Toronto, 0 1863 W. Ave., Chicago 1879
*Bruneau, Oliver T. (*Bruneau, Onésime, Bryson, William G., *Bucke, Edward H., Bucke, Richard Maun *Buckle, John M. C., Buckley, William P Bull, George J., *Bullen, Charles F., Bullen, Frank, Burgess, J. A Burlend, B. F., Walla V *Burland, William H., Burland, William H., Burland, William H., Burland, Beni, W., Burrows, Philip P., Burrows, F. N., *Burns, Affred J., Burritt, Horatic C., Burwash, Hy. J., Mil *Butler, George C., Butler, Billa F., *	Hon.), 1843 Hon.), 1843 Fencion Falls, 0 1867 rice, London, 0 1862 Prescott, 0 1870 New York 1869 Montreal 1879 Listowell, 0 1868 Montreal 1872 Wilshton, Fla 1875 Chester, Penn 1877 Mineville, N. Y 1882 Lindsay, 0 1866 Montreal, Q 1885 rilkins, 1869 W. Ave., Chicago 1879 Stirling, 0 1876 Stirling, 0 1874
*Bruneau, Oliver T. (*Bruneau, Onésime, Bryson, William G., *Bucke, Edward H., Bucke, Richard Maun *Buckle, John M. C., Buckley, William P., Bull, George J., *Bullen, Charles F., Bullen, Charles F., Bullen, Charles F., Walla V., Burgess, J. A., Burch, B. F., Walla V., Burland, John H., Burland, William B., Burland, William B., Burland, Samuel C., Burland, Samuel C., Burland, Benj. W., Burrows, F. N., *Burnham, Robert W. *Burnham, Robert W. *Burnham, Robert W. *Burns, Alfred J., Burritt, Horatio C., Burland, Hy, J., Mil *Butler, George C., Butler, George C., Butler, Billa F., *Buxton, John N.,	Hon.), 1843 Hon.), 1843 Fencion Falls, 0 1867 Fencion Falls, 0 1867 Prescott, 0 1870 New York 1869 Montreal 1872 Listowell, 0 1868 Montreal 1872 Wilshton, Fla 1875 Chester, Penn Mineville, N. Y 1882 Linday, 0 1866 Montreal, Q 1885 Gilkins, 1869 Toronto, 0 1863 W. Ave., Chicago 1879 Stirling, 0 1879
Burch, B. F., Walla V. Burland, John H., Burland, William B., Burland, William B., Burland, Samuel C., Burland, Beni. W., Burrows, Philip P., Burrows, F. N., *Burnham, Robert W. *Burns, Affred J., Burritt, Horatio C., Burwash, Hy. J., Mil *Butler, George C., Butter, Billa F., *Buxton, John N.,	Valla, Wash. Ter 1866  Montreal 1872 Wilshton, Fla 1875 Chester, Penn 1877 Mineville, N. Y 1882 Lindsay, 0 1866 Montreal, Q 1885 Filkins, 1864 Toronto, 0 1863 w. Ave., Chicago 1879 1865 Stirling, 0 1879 1849
Burch, B. F., Walla V. Burland, John H., Burland, William H., Burland, Samuel C., Burland, Samuel C., Burland, Benj. W., Burrows, Philip P., Burrows, F. N., *Burnham, Robert W. *Burns, Affred J., Burritt, Horatio C., Burtler, George C., Butler, George C., Butler, Billa F., *Buxton, John N., Cahalan, James.	Valla, Wash. Ter 1866 1863 Montreal 1872 Wilshton, Fla 1875 Chester, Penn 1877 Mineville, N. Y 1882 Lindsay, O 1866 Montreal, Q 1885 Toronto, O 1863 w. Ave., Chicago 1879 Stirling, O 1879 1849 Vyandotte, Mich 1880
Burch, B. F., Walla V. Burland, John H., Burland, William H., Burland, Samuel C., Burland, Samuel C., Burland, Benj. W., Burrows, Philip P., Burrows, F. N., *Burnham, Robert W. *Burns, Affred J., Burritt, Horatio C., Burtler, George C., Butler, George C., Butler, Billa F., *Buxton, John N., Cahalan, James.	Valla, Wash. Ter 1866 1863 Montreal 1872 Wilshton, Fla 1875 Chester, Penn 1877 Mineville, N. Y. 1882 Lindsay, O 1866 Montreal, Q 1885 Tilkins, 1869 Toronto, O 1863 w. Ave., Chicago 1879 Stirling, O 1879 Wyandotte, Mich 1880 Montreal 1874
Burch, B. F., Walla V. Burland, John H., Burland, William H., Burland, William H., Burland, Samuel C., Burland, Benj. W., Burrows, F. N., Burrows, F. N., Burnham, Robert W. Burns, Affred J., Burritt, Horatio C., Burwash, Hy. J., Mil Butler, George C., Butler, Billa F., Buxton, John N., Cabalan, James, C. Cameron, James C	Valla, Wash. Ter 1866 1863 Montreal 1872 Wilshton, Fla 1875 Chester, Penn 1877 Mineville, N. Y. 1882 Lindsay, O 1866 Montreal, Q 1885 Tilkins, 1869 Toronto, O 1863 w. Ave., Chicago 1879 Stirling, O 1879 Wyandotte, Mich 1880 Montreal 1874
Burch, B. F., Walla V. Burland, John H Burland, William H., Burland, Samuel C., Burland, Samuel C., Burland, Beni. W., Burrows, Philip P., Burrows, F. N. *Burnham, Robert W. *Burnham, Robert W. *Burns, Affred J., Burritt, Horatio C., Burwash, Hy. J., Mil *Butler, George C., Butler, Billa F., *Buxton, John N., Cahalan, James, C. Cameron, James C., Cameron, Duncan H.,	Valla, Wash. Ter 1866 1863 Montreal 1872 Wilshton, Fla 1875 Chester, Penn 1877 Mineville, N. Y. 1882 Lindsay, O 1866 Montreal, Q 1885 Tilkins, 1869 Toronto, O 1863 w. Ave., Chicago 1879 Stirling, O 1879 Wyandotte, Mich 1880 Montreal 1874
Burch, B. F., Walla V. Burland, John H Burland, William H., Burland, Samuel C., Burland, Samuel C., Burland, Beni. W., Burrows, Philip P., Burrows, F. N., *Burnham, Robert W. *Burnham, Robert W. *Burnham, Robert W. *Burnham, Robert W. *Burnham, Hy. J., Mil *Butler, George C., Burler, George C., Butler, Billa F., *Buxton, John N., Cahalan, James, C. Cameron, James C., Cameron, Duncan H., Cameron, John D., Cameron, Paul	Valla, Wash. Ter 1866 1863 Montreal 1872 Wilshton, Fla 1875 Chester, Penn 1877 Mineville, N. Y 1882 Lindsay, O 1866 Montreal, Q 1885 Toronto, O 1863 w. Ave., Chicago 1879 Stirling, O 1879 Vyandotte, Mich 1880 Montreal 1874 Portland, Ore 1877 Norway, Mich 1878
Burch, B. F., Walla V. Burland, John H Burland, William H., Burland, Samuel C., Burland, Samuel C., Burland, Beni. W., Burrows, Philip P., Burrows, F. N., *Burnham, Robert W. *Burnham, Robert W. *Burnham, Robert W. *Burnham, Robert W. *Burnham, Hy. J., Mil *Butler, George C., Burler, George C., Butler, Billa F., *Buxton, John N., Cahalan, James, C. Cameron, James C., Cameron, Duncan H., Cameron, John D., Cameron, Paul	Valla, Wash. Ter 1866 1863 Montreal 1872 Wilshton, Fla 1875 Chester, Penn 1877 Mineville, N. Y. 1882 Lindsay, O 1866 Montreal, Q 1885 Tilkins, 1869 W. Ave., Chicago 1879 Stirling, O 1879 Stirling, O 1879 Wyandotte, Mich 1880 Montreal 1874 Portland, Ore 1877 Norway, Mich 1878 Alexandria, O 1881
Burch, B. F., Walla V. Burland, John H Burland, William H., Burland, Samuel C., Burland, Samuel C., Burland, Beni. W., Burrows, Philip P., Burrows, F. N., *Burnham, Robert W. *Burnham, Robert W. *Burnham, Robert W. *Burnham, Robert W. *Burnham, Hy. J., Mil *Butler, George C., Burler, George C., Butler, Billa F., *Buxton, John N., Cahalan, James, C. Cameron, James C., Cameron, Duncan H., Cameron, John D., Cameron, Paul	Valla, Wash. Ter 1866 1863 Montreal 1872 Wilshton, Fla 1875 Chester, Penn 1877 Mineville, N. Y 1882 Lindsay, 0 1866 Montreal, Q 1885 Vilkins, 1869 Toronto, 0 1863 W. Ave., Chicago 1879 Stirling, 0 1879 Vyandotte, Mich 1880 Montreal 1874 Portland, Ore 1877 Norway, Mich 1878 Alexandria, 0 1881 Montreal 1888
Burch, B. F., Walla V. Burland, John H Burland, William H., Burland, Samuel C., Burland, Samuel C., Burland, Beni. W., Burrows, Philip P., Burrows, F. N., *Burnham, Robert W. *Burnham, Robert W. *Burnham, Robert W. *Burnham, Robert W. *Burnham, Hy. J., Mil *Butler, George C., Burler, George C., Butler, Billa F., *Buxton, John N., Cahalan, James, C. Cameron, James C., Cameron, Duncan H., Cameron, John D., Cameron, Paul	Valla, Wash. Ter 1866 1863 Montreal 1872 Wilshton, Fla 1875 Chester, Penn 1877 Mineville, N. Y 1882 Lindsay, O 1866 Montreal, Q 1885 Toronto, O 1863 w. Ave., Chicago 1879 Stirling, O 1879 1849 Vyandotte, Mich 1880 Montreal 1874 Portland, Ore 1877 Norway, Mich 1878 Alexandria, O 1881 Montreal 1883 Montreal 1884 Montreal 1884
Burch, B. F., Walla V. Burland, John H Burland, William H., Burland, Samuel C., Burland, Samuel C., Burland, Beni. W., Burrows, Philip P., Burrows, F. N., *Burnham, Robert W. *Burnham, Robert W. *Burnham, Robert W. *Burnham, Robert W. *Burnham, Hy. J., Mil *Butler, George C., Burler, George C., Butler, Billa F., *Buxton, John N., Cahalan, James, C. Cameron, James C., Cameron, Duncan H., Cameron, John D., Cameron, Paul	Valla, Wash. Ter 1866 1863 Montreal 1872 Wilshton, Fla 1875 Chester, Penn 1877 Mineville, N. Y 1882 Lindsay, 0 1866 Montreal, Q 1885 Vilkins, 1869 Toronto, 0 1863 W. Ave., Chicago 1879 1865 Stirling, 0 1879 1849 Vyandotte, Mich 1880 Montreal 1874 Portland, Ore 1877 Norway, Mich 1878 Alexandria, 0 1881 Montreal 1883 Alpena, Mich 1885 Montreal 1883
Burch, B. F., Walla V. Burland, John H Burland, William H., Burland, Samuel C., Burland, Samuel C., Burland, Beni. W., Burrows, Philip P., Burrows, F. N. *Burnham, Robert W. *Burnham, Robert W. *Burns, Affred J., Burritt, Horatio C., Burwash, Hy. J., Mil *Butler, George C., Butler, Billa F., *Buxton, John N., Cahalan, James, C. Cameron, James C., Cameron, Duncan H.,	Valla, Wash. Ter 1866 1863 Montreal 1872 Wilshton, Fla 1875 Chester, Penn 1877 Mineville, N. Y 1882 Lindsay, O 1866 Montreal, Q 1885 Toronto, O 1863 w. Ave., Chicago 1879 Stirling, O 1879 1849 Vyandotte, Mich 1880 Montreal 1874 Portland, Ore 1877 Norway, Mich 1878 Alexandria, O 1881 Montreal 1883 Montreal 1884 Montreal 1884

Cook, Sheldon E., Cooke, Charles H., Cooke, Sydney P., Cooke, W. H., Copelend, Wm. L., Toronto. O 1866 Hull, Q 1869 Wolfston, Q 1876 ton st., Chicago, Ill 1872 1854 \*Campbell, G. W., M.M., (ad eun), 1843 \*Campbell, Donald Peter, 2007 Campbell, G. G., B. Sc., 2007 Campbell, A. W., Montreal, Q. 1886 Campbell, Francis Wayland, Montreal 1866 \*Campbell, Samuel, Seaforth, O. 1869 Campbell, John, Seaforth, O. 1869 Campbell, John, Markatalia 1876 Campbell, Lorne, Montreal, Q. 1882 Cannon, Gilbert, Almonte, O. 1877 Carmideal, D. A., Mar, Hosp. Serv. \*Corbett, A. P. M.,
Corbett, Wm. H.,
Brig. Surg. Army
Med. Dept 1854
St. Thomas, O 1889 Corlis, Josiah
Cormack, Wm.,

\*Corsan, John,
Corsan, Douglas,
Cotton, C. L.,
Cousins, W. C.,
Cowie, A. M.,

\*Cowley, Thomas McJ.,
Cowley, Thomas McJ.,
Cover, Frank,
Cox, Frank,
Cox, Frank,
Cox, Frank,
Craik, Robert,
Craik, Robert,
Craik, Robert,
Crawford, James (ad eun),
Crichten, Stuart,
Crocket, W. C., B.A.,
Cox, B. S.
Cox, B. S.
Cox, B. S.
Cox, Frank,
Charlottetown, P.E. 1869
Montreal, Q. 1876
Capay, Cal 187 Cannon, Gilbert, Carmichael, D. A., Mar. Hosp. Serv., Cairo, Ill 1873 Carey, Augur, D.L (ad eun), 1864 Carman, Philip E., Detroit, Mich 1879 Cassidy, David M., Med. Supt. County Asylum, Lancaster, Eng Goldstone, O Cassidy, Geo. A., Cassidy, John F., \*Carroll, Robert W. W., 1885 Goderich, O 1865 1859 Montreal, Q. Carruthers, Geo,, Lake Park, Minn 1881 Carson, J. H.,

\*Carson, Augustus,
Carter, Samuel A.,
Carter, Samuel A.,
Carter, Samuel A.,
Case, W. Hermanus. Hamilton, 0 1879
Casgrain, Chas. E., Hon. Windsor, 0 1851
Castleman, A. L., E. Williamsburg, 0 1881
Cattanach, Andrew J., Denver, Col 1871
Cattanach, A. M., Dalhousie Mills, 0 1882
Cattanach, W. S., Glen Water, 0 1886
Chagnon, V. G. B.,
Chalmers, W. W., B. A.,
Chalmers, W. W., B. A.,
Chelmer, Francis,
Cherry, William,
\*Chesley, George Ashbold
Chevalier, Gustave

Bedford, Q 1860
Bedford, Q 1860
Bedford, Q 1860 Carson, J. H., N.B Crothers, William, Stanbri \*Culvers, Joseph B., \*Cunninghame, W. C. Thurlow, Cutter, Frederick A., Sut 1876 Stanbridge, Q 1848 Sutton, Q 1873 Daly, Guy D. F., Daly, Walter S., \*Dansereau, Charles, Dańsereau, Charles, Darey, J. H., Davies, Thomas B., Ogdensburg, N.Y Chevalier, Gustave Bedford, Q 1860 Chevalier, Napoléon E., Iberville, Q 1873 Chipman, C. J. H., B.A., Ottawa, O 1868 \*Chisholm, Alex., Alexandria, O 1878 Chisholm, Murdoch, Bay Roberts, Nad 1870 Bedford, Q 1860 1869 Granger, Minn
Chelsea, Q
Leadville, Con
Montreal, Q
Montreal, Q
Victoria, B.C 1885 1884 1871 1879 Davignon, F. F., Dawson, R., B.A., Nfld Christie, George H., Lachute, Q. 1875 Christie, John B., Palaluma, Sonora Co., Cal. 1865 Dawson, R., B.A.,
Dazé, Henri,
Dearden, G. A.,
Victoria, B.C.

\*Dease, Peter Warren,
DeBonald, C. S., Berthier (en haut), Q
Deboucherville, Charles B., Quebec, Q

\*Decolles, Charles D.,
Decow D. McG.,
Detrosbois, T. B.,
Delaney, W. J.,
Demorest, B. G. G.,
Peterboro', O
Derby, W. J.,
\*Desmond, F. J.,
Desmond, F. J.,
Dewar, C. P.,
Dibblee, G. G.,
\*Dick, James R.,
\*Dickinson, James S.,
\*Dickinson, George

\*Dickinson, George,
\*Dickinson, George, 1885 1882 Lachute, Q 1848 L. B.A., 333 West 22nd st., Chicago, Ill 1875 1847 Christie, Thomas, \*Christie, John H., B.A., 1887 Christie, W., B.A., Lachute, Q 1887 Chicago, Ili 1882 christie, W., B.A., Christie, Edmund, \*Church, Charles H., Church, Coller M., Church, Coller M., Church, E. W., Church, Levi R., Hon. Church, Mills K., Church, John J. R., \*Church Peter H.. 1868 1889 Ottawa, O 1868 Aylmer, Q 1855 1882 Aylmer, Q 1880 1863 Montreal, Q Merrickville, O Church, Mills a...
Church, John J. R.,
\*Church, Peter H.,
Clarke, Hy. J.,
Clarke, Octavius H. E.,
Cohoes, N.Y. 1870
Clarke, Wallace, E.A.,
Clarke, Henry J.,
Clarke, Richard A.,
Clarke, Richard A.,
Kilburn, London, Eng. 1876
Waterloo, Q. 1886
Clarke, J. L.,
Waterloo, Q. 1886
Waterloo, Q. 1886
Clarke, J. L.,
Clarke, J. L.,
Clarke, Guillaume, O. 1886
Clarke, J. L.,
Clarke, Guillaume, O. 1886 1888 1888 1864 1842 1846 \*Dickinson, James S.,
\*Dickinson, George
Dickson, William W.,
Dickson, J. A.,
Digby, F. Winniett,
\*Dodd, John,
Noherty, W.,
Donnelly, C. H.,
\*Dorland, Enoch G.,
Dorland, James,
Douglas, Ym.,
Douglas, James, Hon. 1864 Clarke, J. L., Waterloo, Q 1886 Clemesha, John W., Clement, Victor A., St. Guillaume, O 1886 †Cline, John D., B.A., Howiek, O 1888 1885 \*tCline, John D., Howick, Q. Clouston, J. R., Cluness, Daniel, Nanaimo, B.C. Codd, Alfred, Winnipeg, Man \*Collins, Charles W., Collison, R., Norfolk, St. Law. Co., N.Y. Howick, Q 1888 Nanaimo, B.C 1870 Winnipeg, Man 1865 1867 Douglas, James. Hon.
Dowling, John F..
\*Drake, Joseph M.,
Dubue, Charlemagne 1869 1875 Egansville, 0 1878 Montreal, Q St. David, Q Comeau, John B., 1870 Conroy, C. P., Cook, Guy R., B.A., Cook, Hermon L.,

St. David, Q 1870 Martintown, O 1888 Martintown, U 1888 Louisville, N.Y 1876 Napanee, O 1854 \*\*Nucket, Stepher,
Duckett, William A.,
Duford, Thadee A.,
St. Sebastien, Q 1865

Duhamal Louis Hall O 1000
Duhamel, Louis, Hull, Q 1860
Duncan, Geo., Fareham, Hants, Eng 1866
Duhamel, Louis, Hull, Q 1860 Duncan, Geo., Fareham, Hants, Eng 1866 Duncan, Gedeon M., Bathurst, N.B 1871 Duncan, George C., London, Eng 1875 Duncan, James S., SurgMaj. Army 1858
Duncan, George C., London, Eng 1875
Duncan, James S., SurgMaj. Army 1858 *Duncan, John, 1871
*Duncan, John, 1871
Duncan, John A., Moose Jaw, N.W.T 1884
Duncan, W. T. Fergus Falls, Minn 1882
Dunlop, H. A., Crookston, Minn 1882
*Dunn, William Oscar 1843
Dunsmore, John M., Stratford, O 1870
Dupuis, Joseph B., Clarenceville, Q. 1856
Puncan, James S., SurgMaj. Army 1858  *Puncan, John, Duncan, John A., Moose Jaw, N.W.T 1884  Duncan, W. T. Fergus Falls, Minn 1882  Dunlon, H. A., Crookston, Minn 1882  *Punn, William Osear 1843  Dunsmore, John M., Stratford, O 1870  Dupuis, Joseph B., Clarenceville, Q 1856
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Easton, John, Easton, C. L., Eberle, Harry A., Eberts, D. W., Edan, G.
Easton, C. L., Smith's Falls, 0 1887
Eberle, Harry A., Kansas City, Mo 1876
Eberts, D. W., Victoria, B. C 1885
Edgar, C. J., Inverness, O 1887
Edwards, Eliphalet G., 1855
Easton, John, Easton, C. L., Eberle, Harry A., Eberts, D. W., Edgar, C. J., Edwards, J. S., Edwards, J. S., Edwards, Oliver C.,
Edwards Oliver C Ou'Appelle
Marius, Oliver C., Qu'Appelle,
Flder John P A Huntingdon O 1005
Eldowlin Edwin I
Ederain, Edwin J., Avondale,
Hants Co., NS 1884
Elkinton, A. G., Sur. Maj. Gren. Grds 1862
Ellison, S. R., 268 W 43rd St N Y 1873
Ellis, W. E., St. Catherines, O 1887
Eberle, Harry A., Eberle, Harry A., Edwards, D. W., Edwards, Eliphalet G., Edwards, J. S., Edwards, J. S., Edwards, J. S., Elder, John B. A., Elderkin, Edwin J., Elderkin, Edwin J., Huntingdon, Q 1885 Avondale, Hants Co., N S 1884 Elkinton, A. G., Sur. Maj. Gren. Grds 1862 Ellison, S. R., Ellis, W. E., Emery, Gorden J., Minneapolis, Minn 1837 Emgland, W. S., English, T. F., Erskine, John, Esson, F. G., Ethier, Calixte, Evans, Griffith, Evans, E. J., Ewing, William, Evitable G., London, O 1880 Avondale, Hants Co., N S 1884 Elkinton, A. G., Sur. Maj. Gren. Grds 1862 Ellison, S. R., St. Catherines, O 1887 Montreal, Q 1889 St. John, N. B 1889 St. Eugene, Q 1867 Vet. Dept. Army Woolwich, Eng 1864 Lacrosse, Wis 1887 Hawkesbury, O 1873
England, W. S., Montreal, Q 1889
*English, T. F., 1858
*Erskine John 1860
Esson F G St John N B 1889
Ethiar Calista St. Furana O 1867
Franc Chiffith Vot Don't Anny
Evans, Grimen, Vet. Dept. Army
Woolwich, Eng 1804
TEVans, E. J., Lacrosse, W18 1887
Ewing, William, Hawkesbury, 0 1873
Follow Alexander Tanageter O 1966
Falkner, Alexander, Lancaster, O 1866
Falkner, Alexander, Lancaster, O 1866 Falls, Samuel K., Chicago 1878
Falkner, Alexander, Falls, Samuel K., Farewell, G. McGill, Princeton, O 1872
Falkner, Alexander, Falls, Samuel K., Farewell, G. McGill, Farewell, W. G., Oshawa, 0 1888
Falkner, Alexander, Falls, Samuel K., Farewell, G., McGill, Farewell, W. G., Farley, Jas. T., Fremont Centre, Mich 1877
Falkner, Alexander, Falls, Samuel K., Farewell, G. McGill, Farewell, W. G., Farley, Jas. T., Fremont Farley, John J., Belleville, O 1873
Falkner, Alexander, Falls, Samuel K., Farewell, G. McGill, Farewell, W. G., Farley, Jas. T., Fremont Farley, John J., Faulkner, George W.,
Falkner, Alexander, Falls, Samuel K., Farewell, G. McGill, Farewell, W. G., Farley, John J., Faulkner, George W., Faulkner, D. W., Faulkner, D. W.,
Falkner, Alexander, Falls, Samuel K., Farewell, G. McGill, Farewell, W. G., Farley, John J., Faulkner, George W., Faulkner, D. W., Faulkner, H. C., Feader, H. C.,
Falkner, Alexander, Falls, Samuel K., Farewell, G. McGill, Farewell, W. G., Farley, John J., Faulkner, George W., Faulkner, D. W., Feader, H. C., Feilde, E. C. Frescott, O. 1886  Lancaster, O. 1868 Chicago 1878 Princeton, O. 1879 Oshawa, O. 1887 Oshawa, O. 1887 Oshawa, O. 1887 Oshawa, O. 1886 Princeton, O. 1873 Stirling, O. 1871 Stirling, O. 1873 Chicago, III 1881 Chicago, III 1881
Falkner, Alexander, Falls, Samuel K., Farewell, G. MeGill, Farewell, W. G., Farley, John J., Faulkner, George W., Faulkner, D. W., Feide, E. C., Felde, E. C., Fenwick, Geo. E.,
Falkner, Alexander, Falks, Samuel K., Chicago 1878 Farewell, G. McGill, Farley, Jas. T., Fremont Centre, Mich 1877 Farley, John J., Faulkner, George W., Faulkner, D. W., Faulkner, D. W., Feeder, H. C., Fenwick, Geo. E., Ferwisson Alex R. Dalhousie Mills of 1866  Lancaster, O 1866 Chicago, 1872 Princeton, O 1878 Perlusson O 1874 Foxboro', O 1878 Chicago, Ill 1881 Prescutt, O 1886
Falkner, Alexander, Falls, Samuel K., Farewell, G. McGill, Farewell, W. G., Farewell, W. G., Farley, Jas. T., Fremont Centre, Mich 1877 Faulkner, George W., Faulkner, D. W., Feader, H. C., Feide, E. C., Fermuscon, Alex R., Dalhousie Mills, O 1866
Falkner, Alexander, Falls, Samuel K., Farewell, G. McGill, Farewell, W. G., Farewell, W. G., Farley, Jas. T., Fremont Centre, Mich 1877 Faulkner, George W., Faulkner, D. W., Feader, H. C., Feide, E. C., Fermuscon, Alex R., Dalhousie Mills, O 1866
Falkner, Alexander, Falls, Samuel K., Farewell, G. McGill, Farewell, W. G., Farewell, W. G., Farley, Jas. T., Fremont Centre, Mich 1877 Faulkner, George W., Faulkner, D. W., Feader, H. C., Feide, E. C., Fermuscon, Alex R., Dalhousie Mills, O 1866
Falkner, Alexander, Falls, Samuel K., Farewell, G. McGill, Farewell, W. G., Farewell, W. G., Farley, Jas. T., Fremont Centre, Mich 1877 Faulkner, George W., Faulkner, D. W., Feader, H. C., Feide, E. C., Fermuscon, Alex R., Dalhousie Mills, O 1866
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Falkner, Alexander, Falls, Samuel K., Farewell, G. McGill, Farewell, W. G., Farewell, W. G., Farley, Jas. T., Fremont Centre, Mich 1877 Faulkner, George W., Faulkner, D. W., Feader, H. C., Feide, E. C., Fermuscon, Alex R., Dalhousie Mills, O 1866
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Falkner, Alexander, Falls, Samuel K., Farewell, G. McGill, Farewell, W. G., Farewell, W. G., Farley, Jas. T., Fremont Centre, Mich 1877 Faulkner, George W., Faulkner, D. W., Feader, H. C., Feide, E. C., Fermuscon, Alex R., Dalhousie Mills, O 1866
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Falkner, Alexander, Falls, Samuel K., Farewell, G. McGill, Farewell, W. G., Farewell, W. G., Farley, Jas. T., Fremont Centre, Mich 1877 Faulkner, George W., Faulkner, D. W., Feader, H. C., Feide, E. C., Fermuscon, Alex R., Dalhousie Mills, O 1866
Falkner, Alexander, Falls, Samuel K., Farewell, G. McGill, Farewell, W. G., Farewell, W. G., Farley, Jas. T., Fremont Centre, Mich 1877 Faulkner, George W., Faulkner, D. W., Feader, H. C., Feide, E. C., Fermuscon, Alex R., Dalhousie Mills, O 1866
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Falkner, Alexander, Falls, Samuel K., Farewell, G. McGill, Farewell, W. G., Farewell, W. G., Farley, Jas. T., Fremont Centre, Mich 1877 Faulkner, George W., Faulkner, D. W., Feader, H. C., Feide, E. C., Fermuscon, Alex R., Dalhousie Mills, O 1866
Falkner, Alexander, Falls, Samuel K., Farewell, G. McGill, Farewell, W. G., Farewell, W. G., Farley, Jas. T., Fremont Centre, Mich 1877 Faulkner, George W., Faulkner, D. W., Feader, H. C., Feide, E. C., Fermuscon, Alex R., Dalhousie Mills, O 1866
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Falkner, Alexander, Falls, Samuel K., Farewell, G. McGill, Farewell, W. G., Farewell, W. G., Farley, Jas. T., Fremont Centre, Mich 1877 Faulkner, George W., Faulkner, D. W., Feader, H. C., Feide, E. C., Fermuscon, Alex R., Dalhousie Mills, O 1866
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Falkner, Alexander, Falls, Samuel K., Farewell, G. McGill, Farewell, W. G., Farewell, W. G., Farley, Jas. T., Fremont Centre, Mich 1877 Faulkner, George W., Faulkner, D. W., Feader, H. C., Feide, E. C., Fermuscon, Alex R., Dalhousie Mills, O 1866
Falkner, Alexander, Falls, Samuel K., Farewell, G. McGill, Farewell, W. G., Farewell, W. G., Farley, Jas. T., Fremont Centre, Mich 1877 Faulkner, George W., Faulkner, D. W., Feader, H. C., Feide, E. C., Fermuscon, Alex R., Dalhousie Mills, O 1866
Falkner, Alexander, Falls, Samuel K., Farewell, G. McGill, Farewell, W. G., Farewell, W. G., Farley, Jas. T., Fremont Centre, Mich 1877 Faulkner, George W., Faulkner, D. W., Feader, H. C., Feide, E. C., Fermuscon, Alex R., Dalhousie Mills, O 1866
Falkner, Alexander, Falls, Samuel K., Farewell, G. McGill, Farewell, W. G., Farewell, W. G., Farley, Jas. T., Fremont Centre, Mich 1877 Faulkner, George W., Faulkner, D. W., Feader, H. C., Feide, E. C., Fermuscon, Alex R., Dalhousie Mills, O 1866
Falkner, Alexander, Falls, Samuel K., Farewell, G. McGill, Princeton, O 1872 Parewell, W. G., Oshawa, O 1888 Farley, John J., Belleville, O 1873 Stirling, O 1871 Faulkner, George W., Foxboro', O 1878 Feader, H. C., Chicago, Ill 1881 Feilde, E. C., Prescott, O 1878 Prescott, O 1

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	Gale, Hugh,  *Garvey, Joseph, Gardner, H. H., Gardner, Matthew, Gardner, Matthew, Gardner, William, Gardner, T. M., Gairdner, T. M., Garow, A. E., Gaviller, Edwin A., *Gauvreau, Elevis H., Gemmill, E. W., Gendron, Thomas, Germon, George W., *Gibson, John B., Gibson, John B., Gibson, Edward B., Gibson, Edward B., Gilbert, Henry L., Gillies, John, Gillies, John, Gilmour, Angus A., *Giroux, Philippe, Girdwood, Gilbert P.,  Montreal  Montreal  Montreal  Montreal  Sar Francisco, Cal  Montreal  Montreal  Sar Francisco, Cal  Montreal  Sarcher  Cottawa, O  St. Raymond, Q  Marieville, Q  Cowansville, Q  Burlington, Vt.  Sherbrooke, Q  Sherbrooke, Q  Molesto, Cal  Montreal  Montreal  Cowansville, Q  Sherbrooke, Q  Sherbrooke, Q  Molesto, Cal  Montreal  Montreal  Almonte, O  St. Raymond, Q  Marieville, Q  Cowansville, Q  Sherbrooke, Q  Modesto, Cal  Montreal  Montreal  Montreal  Montreal  Montreal  Montreal  Mottes, Q  Marieville, Q  Marieville, Q  Marieville, Q  Marieville, Q  Marieville, Q  Morteal  Montreal	1882
	*Garvey, Joseph,	1852
	Gardner, H. H., San Francisco, Cal	1878
	Gardner, John J., Montreal	1883
	Gardner, Watthew, Sacramento, Cal	1871
	Gardner, A. W., Montreal, O.	1867 1887
	Gairdner, T. M., York, Neb	1886
	Garrow, A. E., Ottawa, O	1889
	Gaviller Edwin A Hamilton O	1861 1873
	*Gauvreau, Elzear,	1855
	*Gauvreau, Lewis H.,	1855 1836
	Genmill, E. W., Almonte, O	1889
	Gernon George W Marieville O	1866 1872
	*Gibb, George D.,	1846
	Gibson, John B., Cowansville, Q	1855
	Gibson, W. B., Burlington, Vt	1878
	Gibson, J. B. Burlington Vt	1864 1886
	*Gilbert, Henry L., Sherbrooke, Q.	1875
	Gillis, John A. F., Summerside, P.E.I	1877
	Gilmour Angus A Medeste Col	1867 1868
	*Giroux, Philippe.	1859
	Girdwood, Gilbert P., Montreal	1869
	Gladman, G. J., East Syracuse, N.Y	1886
	Godfrey Robert Montreel	1858
	Gillies, John A. F., Summerside, P. E. I Gillies, John, Teeswater, O Gilmour, Angus A., Modesto, Cal "Girdwood, Gilbert P., Montreal Gladman, G. J., East Syracuse, N.Y Glen. C. W. E., Godfrey, Robert, Montreal Godfrey, Abraham C., Freemantle, Southampton, Eng	1814
	Southampton, Eng	1865
	*Goodhue, P. J., Godforth, Franklin, Runcorn,	1875
		1862
	Gooding, Chs. E., St. Philip, Barbadoes, W	1000
	Carlin W W D : W W	
	Gordon C. M., Bale Verte, N.B.	1888 1881
	Goodwin, W. W., Gordon, C. M., Gordon, Robert, *Gordon, W. W., Graham, Charles E., Graham, George A., *Graham, Henry.	1868
	*Gordon, W. W.,	1069
	Graham, Charles E., Graham, George A., *Graham, Henry, Graham, Kenneth, D., Ottawa, O Graham, J., Westmeath, O Grant, Jonald J., Woodbridge, O Grant, James A., Sir, Ottawa, O Grant J. A. J. F. A. Ottawa, O Grant J. Gran	1865 1884
	*Graham, Henry.	1863
	Graham, Kenneth, D., Ottawa, O	1875
	Graham, J., Westmeath, O	1886
	Grant James A Sir Ottawa O	1863
	Grant, Jas. A. Jr., B.A., Ottawa, O	1882
	Grant, William, Perth, O	1867
	Grant, J. H. Y., Buffalo	1886
	Gray, Thomas. St. Mary's O	1879
	Gray, James, Minneapolis	1883
	Gray, W. L., Pembroke, O	1881
	Greenwood F S St Catherines O	1877
	Greer, T. A., C. SS. Minia, Halifax, NS	1876
	*Grenier, L. P. A,	1863
	Groves, George H., Carp, O	1879
	Guerin, James J. E., Montreal	1878
	Guest, Thomas F., St. Marys, O	1873
	Gunn, James, Durham, Co. Grey, O	1861
	Gurd David F St. Marys, U	1888
	Gustin, Smith. Bay City, Mich	1885
	*Graham, Henry, Graham, Kenneth, D., Ottawa, O Graham, J., Grant, Donald J., Woodbridge, O Grant, James A., Sir, Ottawa, O Grant, James A., Jr., B.A., Ottawa, O Grant, William, Grant, J. H. Y., Gray, John S., Gray, Thomas, Gray, Thomas, Gray, James, Gray, W. L., Greaves, Henry C., Greaves, Henry C., Greaves, Henry C., Grener, L. P. A., C. SS. Minia, Halifax, NS "Grener, L. P. A., Groves, George H., Grey, O Guerin, James J. E., Marys, O Guerin, James J. E., Gunn, James J. E., Gunn, James, Durham, Co. Grey, O Gurdin, James, Durham, Co. Grey,	1863
	Hagarty, D. M. J., Portage la Prairie	
	Manitoba	1866
	*Hall, Archibald (ad eun),	1848
	*Hall, James B.,	1866
	Hall, A. G., Ormstown O	1848
	Hall, W., Walkerton, O	1887
	Hall, A. G., Hall, W., Hallett, E. O., Haldimand, A. W.,	1×85
	*Hall, James B., *Hall, James B., *Hall, J. W., Hall, A. G., Hall, W., Hall, W., Hallett, E. O., Haldimand, A. W.,  *Hall, Archibald (ad eun), *Hall, W., Walkerton, O Truro, N.S Pembina, Dak	1888

Halliday, James T., Peterboro', 0 1865 \*Hamilton, Andrew W., 1859 Hamilton, Charles S., Demorestville, 0 1868 Stratford, 0 1871 Hamilton, John R \*Hamilton, Rufus F., 1861 Murray Bay, Q 1856 Hamel, Joseph A., Hanna, Franklin,
Haentschell, C, W,
Hanover, William,
Harvie, J. B.,
Harvie, J. B.,
Harvie, W, William A.,
Harding, F. W,
Harkin, Henry,
Harkin, William
Harkness Harkin, Henry,

\*Harkin, William,

Harkness, Jno., Dickinson's Corners, O 1862

Harkness, An irew, New Lancaster, O 1869

Harrison, David H.,

Harrison, H. J.,

Hart, George C.,

Hannington, E. B. C.,

Hawkins, A. C.,

Haysbarg, James,

Haytbarg, T. J., B. A.,

Charlotte-Moulinette, O 1883 Prescott, O 1879 Victoria, B.C 1875 Halifax, N.S 1885 Charlotte-town, P.E.I 1886 Haythorne, T. J., B.A., town, P. E. I. 1886
Hebert, P. Zotique, Hebert, P. Zotique, Whitehall, N. Y. 1873
†Henderson, Alex. A., Ottawa, 0 1870
\*Henderson, Peter A. M., 1848
Henderson, And., Merriam Park, Minn 1880
\*Henry, Walter J., 1853
Henry, Walter J., 1853
Henry, Wa. G., 1864
Henry, W. G., 1879
Henry, Jonas J., 1866
Henry, Harry, Hatley, Q 1872 Keelby, Eng 1880 Whitehall, N.Y 1873 \*Hervey, Jonas J.,
Hethrington, Harry,
Hewitt, J.,
Heyd, H. E.,
Hickey, Charles E.,
Morrisburg, O 1866
Hickey, Samuel A., B.A., Aultsville, O 1874
Higginson, H. A.,
Winnipeg, Man 1881 Hickey, Samuel A., B.A., Aultsville, 0 1874
Higginson, H. A., Winnipeg, Man 1881
Hills, Joseph, Woonsocket, R. I 1873
Hoare, C. W., Strathroy, Ont 1888
Hockridge, Thos. G., London, Eng 1874
Holden, Rufus, Holmen, A. D., Detroit, Mich 1889
Holmes, A. D., Detroit, Mich 1889
Hopkins, F. A., Cookshire, Q. 1889
Hopkins, Alfred J., Cookshire, Q. 1889
Hopkins, H. J., Cookshire, Q. 1889
Howard, Robert, Lachine, Q. 1867
\*Howard, R. J. B., B.A., London, Eng 1868
\*Howard, R. J. B., B.A., London, Eng 1869
\*Howelt, Wm. H., North Bay, 0 1876
\*Howelt, Wm. H., Toronto, 0 1870
\*Hubbard, O. H., Gilsam, N. H. 1888
\*Hughes, P. H., Strathroy, 0 1886
\*Hunt, J. J., Harbor Breton, Nfld 1889
\*Hunt, J. H., Surg. Maj. Army, Med
\*Hunt, Lewis G., B.A., Sheffield, Eng 1871
\*Hurd, Ed. P., Newburyport, M. 1861 Hickey, Samuel A., Winnipeg, Man Higginson, H. A., Woonsocket, R. I 1873 Hongston, W. H., Montreal 1851 Hoare, C. W., Strathroy, Ont 1888 Strathroy, Ont 1884 1814 Hunt, Lewis G., B. A., Sheffield, Eng 1871 †Hurd, Ed. P., Newburyport, M. 1865

Hurdman, Benj. F. W., Hurdman, H. T., Hurlburt, George W., Hurlburt, Richard W., Ottawa, 0 1882 Bryson, Q 1885 Thornbury, Q 1859 Mitchell, O 1873 Montreal, Q 1878 Hutchinson, John A., Hutchison, Jas. A., Montreal 1884

Detroit, Mich 1879 Costa Rica 1880 Liverpool, Eng 1866 Watkins, N.Y 1885 205 E Ohio St. Chicago 1879 Pembroke, O 1889 Imrie, A. W.,
Inksetter, D. G.,
Irvine, James C.,
Irvine, R. T.,
Irvine, R. T.,
Irvine, R. T.,
Irvine, J. L., 205 E Ohio St. Chicago 1879
Irwin, W. T.,
Jackson, A. T.,
Jackson, Joseph A., Manchester, N. H. 1879
Jackson, Joseph A., Manchester, N. H. 1879
Jamieson, Alex., B. A.,
Jamieson, Thomas A.,
Johnson, C. H.,
Johnson, H. D., Charlottetown, P.E.I. 1885
Johnson, J. R.,
Johnson, J. R.,
Spring Valley, Minn 1883
Johnson, J. R.,
Spring Valley, Minn 1883
Johnson, J. R.,
Johnson, Thomas G.,
Surg, Maj. Army 1867
Johnson, J. R.,
Johnson, J. R.,
Spring Valley, Minn 1883
Johnson, H. D.,
Johnson, J. R.,
Johnson, Thomas G.,
Surg, Maj. Army 1867
Johnson, Thomas G.,
Johnson, Thomas G.,
Johnson, Thomas G.,
Johnson, Thomas G.,
Jones, Charles R.
Jones, George N.,
Jones, George N.,
Jones, Thomas W.,
Jones, Thomas W.,
Jones, Jonathan C.,
Jones, Wm. Justus,
Jones, A. J. M.,
Josephs, G. E.,

Kearney, W. J.,
Mariposa, California 1875 Imrie, A. W., Inksetter, D. G.,

Kearney, W. J., Mariposa, California 1875 Keefer, Wm. N., B. A., Ret'd Surg.
Maj. Bengal Army, Guelph, O 1869
\*Keeler, Thomas.
\*Kelly, Clinton Wayne, Louisville, Ky 1867
Kelly, Patrick N.. Rochester, Minn 1844
\*Kelly, Wm.,
\*Kelly, Thos., Omaha, Neb 1873
Kelly, J. A. A., Omaha, Neb 1873
Kempt, William,
\*Kennedy, Richard A., 1864 Kempt, William,

\*Kennedy, Richard A.,
Kennedy, R. A., B. A.,
Kennedy, J. H.,
Kennedy, J. H.,
Kenney, F. L., B. A.,
Kerney, F. L., B. A.,
Kerney, F. L., B. A.,
Kerr, N., Milwaukee Av., Chicago, Ill

\*Kerr, James.
Killery, St. John,
Kincaid, R. M., Highgate Centre, Vt
King, Reginald, A. D.,
King, Richard,
King, Richard,
King, Kichard,
Kinghartick, R. C., B. A.,
Kentville, N.S

\*Kittson, John G.
Kittson, John G.
Kittson, Edmund G.,
Kittson, Edm 1883 1862 1859 1868 1867 1886 1869 1885

\*Kollmyer, Alex. H., Laberge, Ed.. St. Philomene, Q 1856 Heriot, Dak 1887 Lafleur, H. A., B. A., Johns Hopkins Hosp-, Baltimore, Md 1887 Lane John A., C. P. R'y, O 1884 Lane John A. Landor, Thomas H., Lane, John A.. Lang, C. L., Lang, W. A., New \*Lang, Thomas D., Lang, W. M.. Langlois, O. X., \*Langrell, Richard T. Kalamazoo, Mich New Richland, Minn 1881 St. Mary's, O. Amherstberg, 0 \*Langrell, Richard T.,

1866

Larocque, A. B., Lathern, J. S., Laurin, Edgar J., Law, D. W. C., Law, William K., tLawford, John B., *Lawrence, Henry J. Leavitt, Julius, Leclerc, George, Leclair, Napoléon, Le*, James C.	Montreal 1847 Halifax, N.S 1883 Deer Lodge, Mon 1881
Lathern, J. S.,	Halifax, N.S 1883
Laurin, Edgar J	Deer Lodge, Mon 1881
Law, D. W. C	Bond Head, O 1863
Law, William K	Coleraine, Irel 1877
tLawford, John B.	Coleraine, Irel 1877 London, Eng 1879
*Lawrence, Henry	London, Eng 1879 1862
Leavitt Julius	Molhowana O 1002
Leclere George	Melbourne, Q 1866
Leclair Napoléon	Montreal 1851
Le* James C	Lancaster O 1861
Leclair, Napoléon, Le*, James C., *Lee, John Rolph, Lefebvre, John M., Legault, D., Salaber Lemoine, C., St. Pie: Lepailleur, Leonard Leprohon, John L., Levi, Reuben, Lindsay, Herjot.	1858
Lefebrus Tohn M	1849
Leceptie, John M.,	Granville, B.C 1879
Legaun, D., Salaber	ry de Valleyfield, Q 1866
Lemoine, C., St. Pier	rre, Isle d'Orleans 1850
Lepaineur, Leonard	, 1848
Lepronon, John L.,	Montreal 1843 New York, U.S 1870
Levi, Reuben,	New York, U.S 1870
Lindsay, Heriot,	
Lister, James,	1862
*Lloyd, H. W.,	1879
*Locke, C. F. A.,	1872
*Logan, David D.,	1872 1842
Logan, Robert,	Iona, Mich 1880
*Logan, William,	1833
Logie, Wm.,	1833
*Long, Alexander.	1844
Long, C. H.,	Chicago, Ill 1888
Levi, Reuben, Lindsay, Heriot, *Lister, James, *Lloyd, H. W., *Locke, C. F. A., *Logan, David D., Logan, Robert, *Logan, William, Logae, Wm., *Long, C. H., Longley, Edmund, Longpe, Pierre F., Loring, J. Brown,	1866
Longpre, Pierre F.,	Onehec 1848
Loring, J. Brown.	674 Lake street,
, , , , , , , , , , , , , , , , , , , ,	Chicago, Ill 1883
*Loupret. André	1850
Loux. William	Ottawa, 0 1870
Loucks. W. F	Stirling, 0 1887
*Loverin Nelson	1855
Lovett. William	Avr. O 1978
Low D	Ayr, O 1876 Montreal, Q 1889
*+ Lucas T D'Aren	1869
Thurs, I. D'AICY,	
Impom H P A	lamaballton N D 1001
Lunam, H., B.A., C	Campbellton, N.B 1881
Lundy, E. L.,	Sampbellton, N.B 1881 Surg. Maj. Army 1862
Lunam, H., B.A., C Lundy, E. L., Lyford. Chas. C., M	Sampbellton, N.B 1881 Surg. Maj. Army 1862 Inneapolis, Minn 1879
Lunam, H., B.A., C. Lundy, E. L., Lyford. Chas. C., M. Lyon, Arthur,	Sampbellton, N.B 1881 Surg. Maj. Army 1862 Inneapolis, Minn 1879 Shawville, Q 1861
*Loupret, André, Loux, William, Loucks, W. F., *Loverin, Nelson, Lovett, William, Low, D., *†Lucas, T. D'Arcy, Lunam, H., B. A., C Lundy, E. L., Lyford, Chas. C., M Lyon, Arthur,	
Martin, J. M., Mathieson, C. S., Maas, Rudolph J., "MacDiarmid John	Montagne, P.E.I 1889 Harrington, P.E.I 1889 Chicago, Ill 1880
Martin, J. M., Mathieson, C. S., Maas, Rudolph J., "MacDiarmid John	Montagne, P.E.I 1889 Harrington, P.E.I 1889 Chicago, Ill 1880
Martin, J. M., Mathieson, C. S., Maas, Rudolph J., "MacDiarmid John	Montagne, P.E.I 1889 Harrington, P.E.I 1889 Chicago, Ill 1880
Martin, J. M., Mathieson, C. S., I Maas, Rudolph J., *MacDiarmid, John MacDonald, Angus, *Macdonald, Colin, MacDonald, R. T. E	Montagne, P.E.I 1889 Harrington, P.E.I 1889 Chicago, Ill 1880 D., 1847 St. Paul, Minn 1863 1853 Sutton, Q 1881
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McCorkill, K. K. C., East Farnham, Q 1882 McCormack, N., Renfrew, O 1885 McCormick, Andrew G., Richmond, Q 1874 McCormick, Andrew G., Richmond, Q. McCrimmon, Donald A., Lucknow, O. McCrimmon, John, Kincardine, O. McCrimmon, Milton, Palermo, O. Penryn. Cal McCuale, W. J., Sale Verte, McCully, Oscar J. M. A., Baie Verte, N. B. 1869 1878 1886 1879 \*McCully, Oscar J. M. A., Baie Verte,
McCurdy, John,
McCurdy, John,
McDurdy, T.

McDermid, Wm. E.,
McDarmid, Dames,
McDonald, Alex.,
McDonald, Alex.,
McDonald, James,
McDonald, John A.,
McDonald, H. N.,
McDonald, H. N.,
McDonald, A.,
McGannon, M.,
McGa 1843 McGrath, Thomas,

\*MeGregor, Duncan,
McGuigan, W. J.,

\*MeGuire, Bernard D,
McIlmoyl, Henry A.,
McIlmoyl, Henry A.,
McInenney. James P.,
McInosh, James,
McIntosh, James,
McIntosh, James,
McIntosh, James,
McIntosh, Donald J., Vankleek Hill,
O 1859
McIntosh, D. H.,
McIntosh, D. H.,
Pakenham,
O 1889
McIntosh, D. Gorge Lloyd, Hamiltoh,
O 1880 McIntosh, D. H., Pakenham, O McIntyre, Peter A., Souris, P. E. I McKelcan, George Lloyd, Hamilton, O McKenzie, J. T., Plainfield, O McKenzie, B. E., B.A., Kingston Road 1884 McKenzie, K. A. J., Portland, Oregon 1881
McKay, John, Woodville, O 1889
McKay, Walter, McKiney, John K., McKinnon, H., McKinnon, G. W., McKinnon, T. H., McLaren, Peter, McLaren, D. C., B. A., Galt, O 1880
McLean, J. W., Point Hastings, N. S 1883 Toronto, O 1880

\*Morrison, David R.,
Morrison, J., M. A.,
Williamstown, O 1889
Mulray, Alexander,
Munro, James T.,
Muckey, F. S.,
Murray, D.,
Murray, D.,
Campbellton, N. B 1886
Murray, D. A.,
Murray, D. A.,
Black Meadows, N.S 1889
Musgrove, W. J.,
Morrison, David R.,
Morrison, James T.,
Williamstown, O 1889
Murray, D. A.,
Black Meadows, N.S 1889
Musgrove, W. J.,
Morrison, David R.,
Wenner, J., Wernon, O 1885
Murray, D.,
Campbellton, N. B 1886
Murray, D. A.,
Black Meadows, N.S 1889
Musgrove, W. J.,
Morrison, J., M. A.,
Williamstown, O 1889
Musprove, W. J.,
Montreal 1851
Montreal McLean, Thos. N., Fergus Falls, Minn 1882 McLean, J. M., B. A. Pictou, N.S 1884 McLellan, A. A., Indian River, P.E. I 1889 McLellan, Jas. H., Tignish, P.E. I 1884 McLean, J. M., B. A. Pictou, N.S 1884
McLellan, A. A., Indian River, P.E.I 1889
McLeod, Arch., B. A. Dunvegan, O 1888
McLeod, James, Charlottetown, P.E.I 1873
McMede, James, Charlottetown, P.E.I 1873
McMedekin, J. W., Otter Lake, Mich 1885
McMicking, George, McMillan, Encas J., McMillan, D. L., Alexandria, O 1885
McMillan, John, Pictou, N. S 1857
McMultray, Samuel, McNeu, Stewart, McNee, Stewart, McNee, Stewart, McNee, Stewart, McNee, Stewart, McNeil, Ernest, Vernon River, P.E.I 1870
McNulty, M., Brashers Falls, N. Y 1880
McQuillen, James, Marquette, Mich 1874
McRae, George, McTaggart, Alexander, Mahliot, Alfred, Malloch, William B., Maloch, John Rolph, Maryand, William B., Marveau, Louis T., Marecau, Louis T., Marston, Alonzo W., Marston, Alonzo W., Marston, John J., Martice, Rich. J., Martice, Rich. J., Mathieson, Neil, Mayrand, William, Meahan, J. C., Mearwy, O 1886
Maturet, N. B 1878 Neilson, W. J.,
Neiles, J. M.,
Nelles, J. M.,
Nelles, John A.,
\*Nelson, Horace,
\*Nelson, Wolfred (Hon.)
Nelson, Wolfred D. E.,
Nelson, W. M. F.,
Nesbitt, Jas. A., Salt Lake City, Utah 1884
Nicol, Wm. R.,
\*Nicholls, Chas. R.,
Norton, Thomas,
Norman, T. J.,
Oakley, Wm. D.,
Streetsville, O 1877 Oakley, Wm. D.,
Oakley, Wm. D.,
O'Brien, Thos. B. P.,
O'Brien, Robert S.,
O'Brien, David.
O'Brien, T. J. P.,
O'Brien, Timothy,
O'Callagan, Cornelius H.
O'Callagan, Cronelius H.
O'Callagan, T. A. B. A.
Worcester. Worcester, O'Callaghan, T. A., B.A.. 1880 Mass \*O'Garr, Peter, \*O'Connor, Daniel A., Stapleton, Staten Odell, William,
O'Keefe, Henry,
Ogden, H. V., B.A.,
O'Leary, James,
O'Leary, Patrick,
Oliver, James W.,
O'Reilly, Charles,
Orr, A. E.,
Orton, T. H.,
Osborne, A. B.,
Osler, Wm., Johns Hopkins Hospital,
Baltimore Island, N.Y Mason, J. L., M. Qmaha, U.S. 1870

Mathieson, John H., St. Mary's, O. 1871

\*Mathieson, Neil,
Mayrand, William, Bathurst, N.B. 1878

Meane, John, Staff Surg, Naj. Army 1869

Meek, Jas. A., 20 W. 25th St., N. York 1875

\*Meigs, Malcolm R.,
Menzies, John B., Ft. Gratiot, Mich. 1879

\*Meredith, Thomas L. B.,
Meredith, Thomas L. B.,
Meredith, D.P., B.A., Fitzroy Haubor, O. 1876

Metcalfe, F. T., Buffalo, N.Y. 1881

Mignault, Henri A., St. Denis, O. 1860

Mignault, L. D., B.A.
Montreal 1880

Miller, R., Surg. N.W., Mounted Police,
Battlefurd, N.W.T. 1870

Mills, Thos. W., M.A.,
Montreal 1878

Montreal 1874 1882 1859 1868 1867 1888 Hamilton, O 1886 [Baltimore 1872 \*Padfield, Charles W. Painchaud, Edward S. L., Varennes, Q Painehaud, Edward S.
Palmer, Loran L.
Palmer, G. F.,
Pallen, Montrose A.,
\*Paquin, Jean M.,
\*Paradis, Henri,
\*Parak, Pierre E.,
\*Park, George A.,
Park, P. C.,
Parker, Rufus S.,
\*Parker, Rufus S.,
\*Patterson, James M. Toronto, O London, O New York Mills, Thos. W., M.A.
Miner, Frank L.,
\*Mines, W.,
Mitchell, Fred. H.,
Moffatt, John E.,
Moffatt, Walter,
Moffatt, R. D.,
Molson, Wm. A.,
Mongeasis, Napoléon,
Monk, George H.,
Moore, Charles S.,
Moore Jehiel T.,
Moore, Joseph. Milverton, O London, 0 1871 Parker, Rufus S.,
\*Patterson, James
Patterson, James
Patterson, James
Patterson, James
Patterson, James
M.,
Winnipeg, Man
Winnip Canton, Mass Staff Surg. Army 1861 Pensacola, Flo 1852 Toronto, O 1888 Montreal 1874 1888 1874 Rigaud, Q 1865 Dillonton, Q London, O 1875 Tilsonburg, O 1874 Moore Jeniel 1.,
Moore, Joseph,
Moore, Richard,
Moore, Robert C.,
Moore, William,
Morehouse, O. E.,
\*Morin, Joseph, (Hon.) Woodstock, 0 1881 St. Eustache, Q 1852 Cleveland, Ohio 1868 Montreal 1870 Montreal, Q 1873 Waterloo, Q 1865 St. Paul, Minn 1869 Algonae, Mich 1881 Gibson, N.B 1889 Aultsville, O 1887 Morgan, V. H.,

Phelan, James B.,  *Phelan, Joseph P., Philip, David L., Philip, W. S., Phippen, S. S. C.,  *Picault, Chas., Pickup, John W., Pinsonneault, B., *Pinet, Alexis, Pinet, Alex R., Pomeroy, L. E. Mc., B.A., Poole, Alf.,	Chiango III	1074
*Phelan, Joseph P.,	Chicago, III	1854
Philip, David L.,	Brantford, O	1863
Philp, W. S.,	Montreal, Q	1889
*Picault Chas	wosso, Mich	1883
Pickup, John W.	rookwille O	1857
Pinsonneault, B.,	Chicago III	1880
*Pinet, Alexis,	omongo, m	1840
Pinet, Alex. R., St.	Laurent, Q	1864
Pomeroy, L. E. Mc., B.A.	Rochester,	
Poole, Alf.	N.Y	1886
Poole, H. E.,	Rossie N V	1880
Porteous, Wm.,	Montreal	1884
Porter, J. A., B.A., K.	emptville, O	1887
Potts I Mo	socket, R.I	1887
Poussette, A. Courthorne	Montreal	1888
Powell, F. H.,	Ottawa. O	1885
Powell, Israel Wood, V	ictoria, BC	1860
Powell, Newton W.,	Cobourg, O	1850
Powers Goorge W.,	Ottawa, O	1875
Powers, Lafontaine R	aton Cor., Q	1861
Pomeroy, L. E. Mc., B.A.  Poole, Alf., Poole, H. E., Porteous, Wm., Porter, J. A., B.A., K. Pother, J. C., Potts, J. Mc., Pouts, J. Mc., Powell, F. H., Powell, Israel Wood, V. Powell, Newton W., Powell, Newton W., Powell, Newton W., Powell, Robert H. W., Powers, George W., E. Powers, Lafontaine B., P. Pringle, George, Pringle, A. F., Pringle, W. R., Prosser, W. O., Le Mars, P. Proudfoot, John S., Susp'o Proudfoot, John S., Susp'o Proudfoot, Alex., Provost, E. Gilbert, Pulford, F. W.,  *Quarry, James J., *Ouerry Lales W.	Cornwall, O	1855
Pringle, A. F., North	field, Minn	1880
Pringle, W. R.,	chreiber, 0	1886
Proudfoot John S. Syania	ly Co., Iowa	1874
Proudfoot, Alex	Montreel	1868
Proulx, Philéas.	Montreal	1844
*Prevost, E. Gilbert,		1859
Pulford, F. W., Ston	ewall, Man	1880
*Onarry Tamos T		000
*Quesnel. Jules M.		868
Quirk, E. L.,	Avimer. 0 1	
*Quarry, James J., *Quesnel, Jules M., Quirk, E. L.,	Avimer. 0 1	.888
Quirk, E. L.,  Rae, J. Hamilton (Hon.), L.  *Rainville, Pionro	Avimer. 0 1	888
Quirk, E. L.,  Rae, J. Hamilton (Hon.), Le  *Rainville, Pierre, Rambault, J. Den Insp.	Avimer. 0 1	.888 .853 .863
Quirk, E. L.,  Rae, J. Hamilton (Hon.), L.  *Rainville, Pierre, Rambault, J., Dep. Insp.  *Rattray, Charles J	Avimer. 0 1	.888 .853 .863 .859
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Quirk, E. L.,  Rae, J. Hamilton (Hon.), L.  *Rainville, Pierre, Rambault, J., Dep. Insp.  *Rattray, Charles J., Rattray, James C., Raymond, Olivier, Raymond, Olivier,	Avimer. 0 1	.888 .853 .863 .859 .871 .874 .850
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Rae, J. Hamilton (Hon.), L  *Rainville, Pierre, Rambault, J., Dep. Insp.  *Rattray, Charles J., Rattray, James C., Raymond, Olivier, Raymond, Olivier, Raymond, Alf., Raymond, G.H., B.A Sus  Read, Herbert H., Reavely, E., Reduer, Horace P., Reddick, Robert, West Win Reddy, Herbert L., B.A.	Aylmer, Q 1 ondon, Eng 1 Gen. Army 1 Cobden, O 1 Montreal 1 treus, Iowa 1 sex, King's Co., N.B 1 lifax, N.S 1 boertson, O 1 onsdale, O 1 onester, O 1 Montreal I Montreal I	888 853 863 859 871 874 850 886 881 887 864 874 876
Rae, J. Hamilton (Hon.), L  *Rainville, Pierre, Rambault, J., Dep. Insp.  *Rattray, Charles J., Rattray, James C., Raymond, Olivier, Raymond, Olivier, Raymond, Alf., Raymond, G.H., B.A Sus  Read, Herbert H., Reavely, E., Reduer, Horace P., Reddick, Robert, West Win Reddy, Herbert L., B.A.	Aylmer, Q 1 ondon, Eng 1 Gen. Army 1 Cobden, O 1 Montreal 1 treus, Iowa 1 sex, King's Co., N.B 1 lifax, N.S 1 boertson, O 1 onsdale, O 1 onester, O 1 Montreal I Montreal I	888 853 863 859 871 874 850 886 881 887 864 874 876
Rae, J. Hamilton (Hon.), L *Rainville, Pierre, Rambault, J., Dep. Insp. *Rattray, Charles J., Rattray, James C., Raymond, Olivier, Raymond, Olivier, Raymond, Alf., Raymond, G.H., B.A Sus Read, Herbert H., Reavely, E., Reduer, Horace P., Reddick, Robert, West Win Reddy, Herbert L., B.A.	Aylmer, Q 1 ondon, Eng 1 Gen. Army 1 Cobden, O 1 Montreal 1 treus, Iowa 1 sex, King's Co., N.B 1 lifax, N.S 1 boertson, O 1 onsdale, O 1 onester, O 1 Montreal I Montreal I	888 853 863 859 871 874 850 886 881 887 864 874 876
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74	Robertson, A. M., Victoria, B.C 1885 Robertson, James E., Montague, P.E.I 1865 Robertson, David, Milton, O 1864 Robertson, Patrick, St. Andrews, Q 1877 Robertson, P. D., B.A., St. Albans, Vt 1886 Robertson, A. G., Toquois, O 1888 Robertson, A. G., Waller, B. C., Waller, C. C.
54	Robertson, James E., Montague P. F. 1 1965
54 53 89	Robertson, David, Milton O 1864
39	Robertson, David T., Lennoxville, O 1857
53	Robertson, Patrick, St. Andrews, Q 1867
83 57 37	Robertson, F. D., B.A., St. Albans, Vt 1886
30	Robillard Adolpho Iroquois, O 1888
10	Robinson Stephen T Proptional O 1860
34	Robinson, Wesley. Markham 0 1857
	Robitaille, Louis, New Carlisle, O 1866
36 36	Robitaille, L. T., Hon. Quebec 1858
30	Robinson, Wesley, Robitaille, L. Uouis, Robitaille, L. T., Hon. Roddick, Thomas G., Rodger, Thomas A., Rogers, E. J. A., Rogers, Amos, Rogers, Amos, Rooney, R. F., Auburn, Placer Co., Cal 1870 Ross, George, M. A Montreal 1866 Honsey, G. T., Ross, J. Dundas, O 1881 Ross, G. T., Ross, W. K., Ross, W. K., Ross, Henry, Ross, Ross, Henry, Ross, Ross, Henry, Ross Ross, Ross
34	Rogers E I A Montreal 1869
37	Rogers, Amos. Ottown () 1881
37	Rooney, R. F., Auburn, Placer Co., Cal 1870
8	†Ross, George, M. A Montreal 1866
50	†Ross, James, B.A., Dundas, O 1881
0	Ross, G. T., Montreal 1880
0	Ross W K Hamilton Agalant 1999
5	Ross, Thomas. Woodland Cal 1869
1	*Ross, Henry,
7	*Ross, Henry, Ross, William G., Ashburt, New Z 1871 *Ross, Wm. D.,
50	*Ross, Wm. D.,
6	Ross, Wm. D., Ross, J. W., Ross, L. F., B.A., Ross, D. L., Rowat, W. M., Graphy, O 1886
4	Ross, L. F., B.A., Point Edward, O 1886
8	Ross, D. L., Rowat, W. M., Granby, Q 1886
9	Rowell, G. B., Los Angelos, Cai 1884
4	Rugg, Henry C., Perth, O 1865
9	*Rumsey, William, 1859
0	Rutherford, M. C., Rochester, N.Y 1879 Rutherford, Clarendon, M.A., Chicago 1882
8	Rutledge, And. J., Manitoba 1883
9	Ruttan, Allen, Napanee, 0 1852
3	Ruttan, A. M., New York 1880
3	Ruttan, R. F., Montreal 1884
3	*Sabourin, Moïse, 1849
)	Sampson, James (Hon.)
	Sanderson, George W., Toronto, O 1850
1	Savage, Thos. Y., Thistletown, 0 1854
3	*Savage, Alex. C.,
	*Sawyer, James H., *Schimdt, Samuel B., Schmidt, A. F., Schmidt, A. J., Schmidt, A. J., *Schofield, David T., *Schofield, David T.,
3	Schmidt, A. F., Montreal, Q 1886
	Schmidt, A. J., Fairbault, Man 1886
	*Schofield, David T., 1854
	Scott, John, G., Hazeldean, Co. Carit, U 1879
	Scott, Stephen A., 1854 *Scott, William E., 1844
	Scott, Wm. F., Hull, Q 1875
	Scott, W. McE., 1883
	Scott, J. M, Philadelphia, Penn 1887
	*Scriven, George Augustus, 1843 Scully, D. J., Roswell, Colorado 1887 Seager, Francis R., Brigden, 0 1870 Secord, Levi, Bright, 0 1876 Sacry R J.
	Seager, Francis R Brigden, O 1870
	Secord, Levi, Bright, O 1876
	Seery, F. J., Fredericton, N.B 1886
	Setree, Edward W., Heuvelton, N.Y 1878
	Sonkler A E St Davi Minn 1969
	Serviss, T. W Ovoville, Cal 1881
	Seymour, M. M., Winnipeg, Man 1879
	*Sewell, Stephen C. (ad eun), 1843
	Seully, D. J., Roswell, Colorado 1887 Seager, Francis R., Brigden, O 1870 Secord, Levi, Fredericton, N. B 1886 Setree, Edward W., Heuvelton, N. Y 1878 Seguin, André, Senkler, A. E., St. Paul, Minn 1863 Serviss, T. W., Winnipeg, Man 1879 *Sewell, Colin (ad eun), Quebec 1869 Shanks, A. L., Morick, Q 1881 Seaguin, A. L., Howick, Q 1881
	Shanks, J. C., Howiek O 1991
	CI T C
1	Shanks, A. L., Shanks, J. C., Sharp, J. C., Sharp, Wm., Sharp, Wm.
1	Shaw, Alexander, Watertown, Dak 1884
	Shaw, W. F., Bracebridge, O 1879
1	Shaver, Peter Kolph, Strattord, U 1854
1	Shanks, A. L., Shanks, J. C., Marysville, N. B 1885 Sharp, Wm., South Toledo, Ohio 1872 Shaw, W. F., Shaw, W. F., Shaver, Peter Rolph, Shaver, W. H., Shaver, R. N., Wales, 0 1883 Shaver, R. N.,
-	Sharp, Wm., South Toledo, Ohio 1872 Shaw, Alexander, Watertown, Dak 1884 Shaw, W. F., Bracebridge, O 1879 Shaver, Peter Rolph, Shaver, W. H., *Shaver, R. N., Shibley, J. L., B.A, Yuma, Ariz 1858

\*Theriault, F. D., Montreal 1873 Shepherd, Francis J., Montreal 1873
Sherk, George, Cheapside, O. 865
Shoebottom, Henry, Port Huron. Mich 1857
Shufelt, W. A., 250 W 11th St. N York 1851
Sihler, G. A., 1852
Simard, Amable, Simpson, Thomas, Montreal 1854
Single Montreal 1854
Aylmer, O. 1874
Ottawa 1880
Small, H. B., 1868
Smallwood, John R, Smellie, T. S. J., M.A., Prt Arthur's Landing, O. 1877
Doubtsmouth Jowa 1880 Shepherd, Francis J., \*Trudel, Eugene H., Portsmouth, Iowa 1880 Smitey, J. S., Portsmouth, Iowa \*Smith, Daniel D., Smith, Daniel F., Smith, E. H., 2700 Wentworth Ave., Walkertown, 0 1878 Chicago 1885 Fullarton, Neb 1881 Smith, E. H

\*Smith, Edward W.,
Smith, John,
Smith, Norman A.,
Smith, William,
Smith, Edward W.,
Smith, Smith, Edward W.,
Smith, Smith, Smith, Edward W.,
Smith, Sm Usher, Henry, Vannorman, J. M., \*Vercoe, Henry L., \*Vicat, John R., riden, Conn 1882 New West-†Vineberg, Hiram N., Vipond, A. E., Smith, W. A. de W., minster, B.C 1884 Marlboro', Mass 1885 Colonel 100th Regt, Smith, H. E., Smythe, T. W., Dover, Eng 1848 Teeterville, O 1876 Brockville, O 1841 Snider, Frederick S., Sparham, Terence, Sparham, E. R., Spear, Andrew M., wagner, william H. Wakeman, William, Wales, Benjamin N., \*Walker, Robert, Walker, Felix D., I Wallace, Isaac U., Walsh, Edmond C. Walton George O. Danville, Q 1874 Brandon, Man 1879 Spear, Andrew M., Spencer, R., Spencer, R., Springle, J. A., Squire, William Wood, M. A., Stanton, George, Stark, George A., Stauton, Andrew, Stephen, William, Stephen, William, Stevenson, Charles N., Stevenson, Hans, Stevenson, J. M., Stevenson, J. M., Stevenson, John L., Stevenson, John A., Terento O. 1888 1864 1868 1879 1846 1881 Warren, Frank, \*Warren, Henry, Waugh, William, 1887 1857 1876 1880 1856 Webster, Arthur D., Weilbrenner, Remi, \*Stevenson, John A., Stevenson, Robert A., Stewart, Alexander, Toronto, O Stewart, Alexander,
Stewart, Andrew,
\*Stewart, John Alexander,
Stewart, James,
Stewart, John Alexander,
Stewart, John Ale Palmerston, 0 Montreal 1869 1880 1888 Montreal, Q 1888 Iroquois, O 1850 Thompson, Pa 1868 Chicago, Ill 1872 1862 1881 Sault St. Marie 1883 Montreal 1876 1864 Montreal 1879 Salina, Ks 1865 Switzer, Egerton R., Tabb, Silas E., M.A., Sherbrooke, Q 1868
\*Tait, Henry Thomas, 1860
Taylor, Wm. H., Peterboro, O 1859
Taylor, Sullivan A., Gilmonton, N.H 1870
Tew, H. S., Wakefield, York, Eng 1884
Temple, James A., Toronto 1865
Thayer, Linus O., Montreal 1859 Wilson, C. W.,

\*Theriault, F. D.,
Therien, Honoré,
Thomas, W. R.,
\*Thompson, James,
Thompson, Wm. E,
Thompson, Wm. E,
Thompson, J. H.,
Thompson, J. H.,
Thornton, Hastwell W., B. A.,
Richmond, Q. 1863
Shoal Lake, Man 1886
Brantford, O. 1852
Manvton. Man 1882
Gananoque, O. 1883
Richmond, Q. 1863 West Meriden, Conn Providence, R.I. Tracey, A. W., West Meriden, Conn Trapnell, H. E., Providence, R.I Trenholme, Edward Henry, Montreal 1873 1887 \*Truenan, J. E., Macan, N. S. 1881 \*Turgeon, Louis G., 1860 Turnbull, R., Moose Jaw, N. W. T. 1858 Tuzo, Henry A., †Tunstall, Simon J., B.A., Litton, B.C. 1875 Macan, N.S. 1881 Walkerton, 0 1861 Detroit, Mich 1840 New York 1878 Montreal, Q 1889 Wagner, A. Dixon, Cornwall, 0 1872 Wagner, G. C. Tacoma, Wash. Terr 1881 \*Wagner, William H., Quebec 1865 Wakeman, William, Quebec 1865 Robinson, Q 1874 Launching, P.E.I 1884 Milton, Q 1874 Madrid, N.Y 1866 Barbadoes, W.I 1873 Walton, George O., Barbadoes, W.1
Warless, John R.
Ward, William T., Morristown, Minn
Ward, Michael O'B., Montreal
Warneford, P. H.,
Warner French 1867 Montreal 1875 Norton, N.B 1887 Brooklin, O 1872 waugh, William, London, O 1872 Weagant, C. A., Qalton, Cal 1879 Weagant, A. A., Dickinson's Landing 1888 Webb, James T. S. Weibster, Arthur Br.,
Weilrenner, kemi,
\*Weir, Richard,
Westley, R. A.,
Wetmore, F. H.,
Wheeler, C. L., B. A.,
\*White, F. J.,
White, F. J.,
White, W. M. A.,
\*Whiteford, James W.,
Whiteford, James W.,
Whiteford, Richard,
Whyte, Joseph A.,
Whyte, Joseph A.,
Whyte, J. J.,
Wigle, Hiram,
\*Wildmer, Christopher (Hon.)
\*Wildmis, H. P.
Williams, J. F.,
Weilrenner, Mental Br.
Williams, J. F.,
Weilrenner, Mental Br.
Williams, J. F.,
Weilrenner, Mental Br.
Lancaster, O. 1888
Hampton, N. B. 1889
Montreal, Q. 1889

Kandard, W. 1889

Lancaster, O. 1888

Hampton, N. B. 1889

St. Johns, N. B. 1886
St. Johns, N. B. 1886
St. Johns, N. B. 1886
Toledo, Ohio 1857

Montreal 1889
Wiarton, O. 1877
1878

Wiarton, O. 1877
1878

Williams, J. F.,
Williams, J. F.,
Wentreal, Q. 1889

Lancaster, O. 1888

Hampton, N. B. 1889

Montreal, Q. 1889

St. Johns, N. B. 1889

Toledo, Ohio 1857

Montreal, Q. 1889

St. Johns, N. B. 1889

Toledo, Ohio 1857

Montreal, Q. 1889

Toledo, Ohio 1857

Montreal, Q. 1889

Toledo, Ohio 1857

Montreal, Q. 1889

St. Johns, N. B. 1889

Toledo, Ohio 1857

Montreal, Q. 1889

Toledo, Ohio 1857

Montreal, Q. 1889

Toledo, Ohio 1857

Montreal, Q. 1889

St. Johns, N. B. 1889

Toledo, Ohio 1857

Montreal, Q. 1889

St. Johns, N. B. 1889

Toledo, Ohio 1857

Montreal, Q. 189 Port Neuf, Q 1851 Wilkins, H. P.
Williams, J.,
Williams, J. F.,
Williams, E. P.,
Willison, H. V., M.A.,
Wilson, Benjamin S.,
Wilson, Robert M.,
Wilson, William,
Wilson, Samuel F.,
Wilson, Wass 1881
Gravenhurst, O 1886
Gravenhurst, O 1 Buckingham, Q 1886

*Wilseam, John Wilbrod,	1846
Wishart, D. J. G., Toronto, O Woolverton, A., M.A., Hamilton, O	188
Woolverton, A., M.A., Hamilton, O	1868
Woods, David, Staff Surgeon Army	1860
Wood, Edwin Geo., Mitchell, O	1885
Wood, George C., Wood, George, Faribault, Minn	1845
Wood, George, Faribault, Minn	1863
Wood, Ed.S. 10 E.3rd st., St. Paul, Minn	1885
Wood, Hannibal W., Knowlton, Q.	1865
Woodful Sam. Pratt., Surg. Maj. Woodruff, T, A., St. Catherine, O	1864
Woodruff, T, A., St. Catherine, O	1888
Woods, Jno. J. E., Aylmer, Q	1875
Woolway, C. J. St. Paul, Minn	
*Workman, Benjamin,	1853
Workman, Joseph, Toronto	1835

Worthington, Edward (ad eun) Sherbrooke, Q 1868
Worthington, A. N., Sherbrooke, Q 1886
Wright, John W., B. A., Picton, O 1878
Wright, Henry P., Ottawa, O 1859
Wright, Stephen, Ottawa, O 1859
Wright, Stephen, Ottawa, O 1859
Wright, William, Revd. Montreal 1848
Wye, John H., 26 Farrington sq., London 1868
Wylde, C. F., Young, Philip R., Young, Robert C., Young, Robert C., Young, A. A., Young, H. E., B.A., Youker, William, Belleville, O 1872

\* Deceased.

† Medallist.

# EXAMINATION PAPERS—SESSION 1888-89.

## MATRICULATION EXAMINATIONS.

#### LATIN.

Time allowed, 2 hours;

Examiner, ..... H. ASPINWALL HOWE, M.A., LL.D.

Note.—Candidates may choose, in this Paper, between Cicero and Virgil.

1. Translate, without unnecessary change of construction:

#### CICERO.

- (A.) III. Lixi ego idem in senatu, cædem te optimatium contulisse in ante diem v. Kalendas Novembris, tum quum multi principes civitatis Roma non tam sui conservandi, quam tuorum consiliorum reprimendorum caussa profugerunt. Num infitiari potes te illo ipso die, meis præsidiis, mea diligentia circumclusum, commoverse te contra rempublicam non potuisse, quum tu, discessu ceterorum, nostra tamen, qui remansissemus, cæde contentum te esse dicebas? Quid? quum tute Præneste Kalendis ipsis Novembribus occupaturum nocturno impetu esse confideres, sensistine illam coloniam meo jussu præsidiis, custodiis vigiliisque esse munitam? Nihil agis, nihil moliris, nihil cogitas, quod ego non modo non audiam, sed etiam non videam planeque sentiam.
- (B.) XIII. Hisce ominibus, Catilina, cum summa republicæ salute; cum tua peste ac pernicie, cumque eorum exitio, qui se tecum omni scelere parricidioque junxerunt, proficiscere ad impium bellum ac nefarium. Tum tu, Juppiter, qui iisdem, quibus hæc urbs, auspiciis a Romulo es constitutus; quem Statorem hujus urbis atque imperii vere nominamus: hunc et hujus socios a tuis aris ceterisque templis, a tectis Urbis ac mœnibus, a vita fortunisque civium omnlum arcebis, et homines bonorum inimicos, hostes patriæ, latrones Italiæ, scelerum fœdere inter se ac nefaria societate conjunctos, æternis suppliciis vivos mortuosque mactabis.

N.B.—In order to pass, Candidates must shew, by their answers to the following questions, that they know the Grammar of the language:—

2. Parse and give the construction of each word of:—"a tectis Urbis ac menibus, a vita fortunisque civium omnium arcebis."

- 3. Decline together, in both numbers, illo ipso die, and also rempublicam Write out the tenses potes and moliris.
- 4. Give the principal parts of the verbs to which belong contulisse, reprimendorum, confideres, proficiscere, conjunctos.

5. In the following:-

- (a) In ante diem V Kalendas Novembris. What were respectively the Kalends, Nones and Ides, and why were they so called?
  - (b) Non tam sui conservandi causa. Explain this genitive construction.
- \*(c) Nostra tamen, qui remansissemus coede. What is the antecedent to qui?
- 6. Give the derivation of pernicies, parricidium, tectum, mænia; and distinguish between inimicus and hostes; scelus and nefas.

#### VIRGIL.

#### Time allowed, 2 Hours.

- 1. Translate, without unnecessary change of construction :-
  - (A.) Talia flammato secum dea corde volutans,
    Nimborum in patriam, loca feta furentibus austris,
    Æoliam venit. Hic vasto rex Æolus antro
    Luctantes ventos tempestatesque sonoras
    Imperio premit, ac vinclis et carcere frenat.
    Illi indignantes magno cum murmure montis
    Circum claustra fremunt: celsa sedet Æolus arce
    Sceptra tenens, mollitque animos, et temperat iras.
    Ni faciat, m te aria ac terras cœlumque profundum
    Quippe ferant rapidi secum verrantque per auras.
    Sed pater omnipotens speluncis abdidit atris,
    Hoc m etuens: molemque et montes insuper altos
    Imposuit, regemque dedit, qui fœdere certo
    Et premere, et laxas sciret dare jussus habenas.
    Ad quem tum Juno supplex his vocibus usa est:

ÆNEID, Bk. 1., vss. 50-63.

(B.) Ipsa sed in somnis inhumati venit imago
Conjugis; ora modis attollens pallida miris,
Crudeles aras trajectaque pectora ferro
Nudavit, cœcumque domus scelus omne retexit.
Tum celerare fugam patriaque excedere suadet,
Auxilumque viæ veteres tellure recludit
Thesauros, ignotum argenti pondus et auri.
His commota fugam Dido sociosque parabat.
Conveniunt, quibus aut odium crudele tyranni
Aut motus acer erat; naves, quæ forte paratæ,
Corripiunt, onerantque auro Portantur avari
Pygmalionis opes pelago; dux femina call.

ÆNEID, Bk. 1., vss. 353-364.

N.B.—In order to pass, Candidates must show, by their answers to the following questions, that they know the Grammar of the language:—

- 2. Parse and give the construction of each word of:—"Nimborum in patriom, loca feta furentibus Austris, Æoliam venit."
- 3. Decline together, in both numbers, ipsa imago, and also scelus omne. Write out the tenses retexit and reclndit.
- 4. Give the principal parts of the verbs to which belong sedet, mollit, imposuit, trajecta, retexit.
  - 5. In the following:-
- (a) Secum dea corde volutans. To what class of verbs does voluto belong? How are such verbs formed?
  - (b) His vocibus usa est. What case is this and why?
- (c) Auxiliumque viæ veteres.... Thesauros. Distinguish between the two accusatives.
- 6 Give the derivation of vinclum, claustrum, inhumatus, conjux; and distinguish between aer, wther, aura; socius and comes.

#### ENGLISH.

Time allowed, 1½ hour.

Examiner, .... H. ASPINWALL HOWE, M.A., LL.D.

1. Divide the following stanza into separate sentences, and say how they are related to one another:—

Blow, blow thou winter wind
Thou art not so unkind
As man's ingratitude:
Thy tooth is not so keen
Because thou art not seen,
Although thy breath be rude.

- 2. Parse the words indicated by Itulics above.
- 3. How do you distinguish Prepositions, Conjunctions and Adverbs? Give examples of Bu used (a) as an adverb, (b) as a preposition, (c) as a conjunction.
- 4. In the sentence, "We ought to own that what we owe is not our own," explain with reference to their origin the words italicized.
- 5. The words a and the, formerly called Articles, are now classed among Adjectives. Give reasons for and against this change
- 6. Correct errors, where found, in the following sentences, and give reasons for such corrections:—
  - (a) I was going to have written him a letter.
  - (b) You may take either of the three.

- (c) Having failed in this attempt, no further trial was made.
- 7. Define the terms root, stem, compound, derivative, cognate, as applied to words. Analyse and derive the following words, noticing the force of each component part:—Hillock, particle, streamlet, strength, martyrdom, chronicle, viscount. Distinguish between indices and indexes; depository and depositary; deprecate and depreciate.
  - 8. Write a short essay on "Memory."
- 9. Write legibly and punctuate properly the passage for *Dictation* which will be read to you.

#### GEOMETRY.

#### Time allowed, 1½ hour.

Examiner, ..... H. ASPINWALL HOWE, M.A., LL.D.

- 1. If at a point in a straight line two other straight lines on opposite sides of it make the adjacent angles together equal to two right angles, these two straight lines shall be in one and the same straight line, Prop. 14, Bk. I.
- 2. If a side of a triangle be produced, the exterior angle is equal to the two interior and opposite angles, and the three interior angles of every triangle are together equal to two right angles. Prop. 32, Bk. I.
- 3. Describe a parallelogram which shall be equal to a given rectilineal figure, and have an angle equal to a given rectilineal angle. Prop. 45, Bk. I.
- 4. If a straight line be divided into two equal and also into two unequal parts, the rectangle under the unequal parts together with the square on the line between the points of section shall be equal to the square on half the bisected line. Prop. 5, Bk. II.
- 5. Shew from the preceding that the rectangle under the sum and difference of two lines is equal to the difference of their squares.

#### NATURAL PHILOSOPHY.

### Time allowed, $1\frac{1}{2}$ hour.

- 1. Shew that as the angle between two forces increases, the resultant is diminished. Two forces, 5 and 11, act on a point at right angles to one another; find the magnitude of the resultant.
- 2. Give examples of bodies in *stable*, *unstable*, and *neutral* equilibrium If a body be in stable equilibrium, how is its centre of gravity affected by a small displacement of the body?
- 3. A carriage is being drawn by a rope up a smooth incline; if the rope breaks, why will the carriage continue to move up the incline for some distance? What considerations will determine this distance?

- 4. Describe an experiment shewing that the pressure of water at any depth below the surface is exerted upwards as well as downwards.
- 5. Explain the phenomenon of *ebullition*. Why is it that all liquids do not boil at the same temperature, and why is the boiling point not always the same for the same liquid?

#### BRITISH HISTORY.

Time allowed, 11 hour.

Examiner, ..... H. ASPINWALL HOWE, M.A., LL.D.

- 1. Who were the Normans? What was their original home? In what respects was the Norman Conquest beneficial to England?
- 2. Name those sovereigns of England in whose reign political freedom made greatest advances. State circumstances.
- 3. What were the causes that drove the Scotch into rebellion in the reign of Charles I.?
- 4. Account for the population of the North of Ireland being mainly Protestant, and that of the South and West, Roman Catholic.
- 5. In what wars has England been engaged since the accession of Queen Victoria, and with what results?
- 6. Write brief notes about the following persons and places, mentioning historical events connected with each:—Margaret of Anjou, John Knox, The Regent Murray, Titus Oates, Marlborough; Bretigni, Flodden, Glencoe, Vittoria, Cawnpore.

#### GEOGRAPHY.

Time allowed, 11 hour.

- 1. Describe geographically the voyage, by water throughout, from Liverpool to Chicago.
- 2. Draw a sketch map of South Africa, outlining the different States. Describe the region briefly. Name those parts which belong to Britain.
- 3. What countries border on the Baltic Sea, the Black Sea, and the Caspian? What rivers discharge into these respectively?
- 4. What regions of the Earth are rainless, or nearly so, and which have an excess of rain? Explain the cause of this difference.
- 5. What and where are Samoa, Oude, Bombay, Darien, Prague, Altai, Canso, Borneo, Baikal, Obi?

#### CHEMISTRY.

Time allowed, 1½ hour.

Examiner, ..... H. ASPINWALL HOWE, M.A., LL.D.

- 1. What is superphosphate of lime, and how is it prepared?
- 2. Outline the process by which Sulphuric Acid is prepared.
- 3. Explain meanings of endings ic and ous in the names of acids, and endings ite and ate in names of salts.
- 4. What is the composition of "white arsenic" of the shops? How may arsenic be detected in Solution?
- 5. Describe mode of preparation and properties of either perchloride or nitrate of iron.

#### BOTANY.

Time allowed, 11 hour.

- 1. Give botanical names for structures represented by onion, potato, tomato, thistle down, flower of calla lily.
  - 2. Sketch a leaf designated as round-heart-shaped, crenate, long-petioled.
- 3. What is placenta of the ovary? Distinguish between axile and parietal placenta.
- 4. Characterize Gymnospermous plants, citing an example from Canadian trees.
- 5. Plants are said to purify the air for animals. Explain this statement.

#### ARITHMETIC.

Time allowed,  $1\frac{1}{2}$  hour.

Examiner, ..... H. ASPINWALL HOWE, M.A., LL.D.

Note.—The work must be given by which answers are obtained, in both the Arithmetic and the Algebra.

- 1. The value of a fraction is not changed when the numerator and denominator are multiplied or divided by the same number. Shew this by reasoning with an example.
- 2. Add together  $\frac{1}{4}$ ,  $\frac{2}{3}$ ,  $\frac{2}{3}$ , and  $\frac{5}{21}$ . Then find what fraction the sum is of  $1\frac{2}{3}$  of  $\frac{4}{2\frac{7}{3}}$ .
- 3. What is a decimal fraction, and why so called? How many times can .027 be taken from 3.33, and what fraction of the former of these two is the remainder?

4. If £240 maintain 49 persons in bread for 20 months, when wheat is 48 shillings a quarter, how long will £234 supply 91 persons with bread when wheat is 56 shillings a quarter.

5. How many yards long is the side of a square which contains 2½ acres

of ground.

#### ALGEBRA.

Time allowed, 11 hour.

1. If x = 1, y = -2, z = 3, what is the numerical value of

$$\frac{1}{2} [x - \frac{1}{3} \{y - \frac{1}{4} (z - x - 2 y)\}]$$

2. Subtract 2a - 3(2b - 3c) from 4a - 3(b - 2a) and multiply  $a^2 - ab + b^2$  by  $a^2 + ab + b^2$ .

3. Shew that 
$$1 - \frac{b^2 - c^2 + a^2}{2ab} = \frac{(a + c - b)(b + c - a)}{2ab}$$

4. Solve the simultaneous equation

$$\left\{ \begin{array}{c} \frac{x}{a} + \frac{y}{b} = 2\\ bx - ay = 0 \end{array} \right\}$$

5. The denominator of a certain fraction exceeds the numerator by 2. If the numerator of the fraction be increased by 5, the value of the fraction will be increased by unity. Find the fraction.

#### GREEK.

Time allowed,  $1\frac{1}{2}$  hour.

Note.—Candidates may choose, in this Paper, between Xenophon and Homer.

XENOPHON.

1. Translate, without unnecessary change of construction:

'Ο δ' Ορόντης νομίσας έταίμους είναι αὐτω τοὺς ἰππέας, γράφει ἐπιστολὴν παρὰ βασιλέα, ὅτι ἡξοι ἔχων ἰππεῖς ὡς ἀν δύνηται πλείστους, ἀλλὰ φράσαι τοῖς αὕτοῦ ἱππεῖσιν ἐκέλευεν ὡς φίλον αὐτὸν ὑποδέχεσθαι. "Ενῆν δὲ ἔν τῆ ἐπιστολῆ καὶ τῆς πρόσθεν φιλίας ὑπομνήματα καὶ πίστεως. Ταὐτην ἐπιστολὴν δίδωσι πιστε ἀνδρὶ, ὡς ὅετο ὁ δὲ λαβῶν Κύρω δίδωσιν. 'Αναγνοὺς δὲ αὐτὴν ὁ Κῦρος συλλαμβάνει 'Ορόντην, καὶ συγκαλεῖ εἰς τὴν ἑαυτοῦ σκηνὴν Περσῶν τοὺς ἄρίστους τῶν περὶ αἰτὸν ἑπτά καὶ τοὺς τῶν 'Ελλήνων στρατηγοὺς ἐκέλευεν ὁπλίτας ἄγαγεῖν, τούτους δὲ θέσθαι τὰ ὅπλα περὶ τὴν αὐτοῦ σκηνήν. Οἱ δὲ ταὐτα ἐποίησαν, αγαγόντες ὡς τρισχιλίους ὁπλίτας. Κλέαρχον δὲ και εῖσω παρεκάλεσε σύμβουλον, ὸς γε καὶ αὐτε καὶ τοῖς ἄλλοις ἐδοκει προτιμηθῆναι μάλιστα τῶν 'Ελλήνων. 'Επεὶ δ' ἐξῆλθεν, ἑξήγγὲιλε τοῖς φίλοις τὴν κρίσιν τοῦ 'Ορόυτον ὡς ἐγένετο' οὐ γὰρ ᾶπόρρητου ἦν. ''Εφη δὲ Κῦρον ἄρχειν τοῦ λόγον ὡ δε·

Anabasis, Bk. I., ch. 6, 22 3, 4, 5.

- Parse fully each word of:— Ταύτην τὴν ἐπιστολὴν. δίδωσι πιστῶ ἀνδρὶ ὡς ῶετο'.
- 3. Decline together, in the three numbers, πιστῶ ἀνδρί; and write out in full the tenses δίδωσι and παρεκάλεσε.
- 4. Give in the Indicative mood, the 1st person sing of the Present, the Future, the Perfect, and the 1st or 2nd Aorist of the verbs to which belong  $\delta i\delta \omega \sigma \iota$ ,  $\dot{\alpha} va\gamma vo \dot{\nu} \varepsilon$ ,  $\sigma v \lambda \lambda \alpha \mu \beta \dot{\alpha} v \varepsilon \iota$ ,  $\vartheta \dot{\varepsilon} \sigma \vartheta \alpha \iota$ ,  $\dot{\varepsilon} \dot{\varepsilon} \bar{\eta} \lambda \vartheta \dot{\varepsilon} v$ .
  - 5. In the following:-
    - (a) ὅτι ἢξοι ἔχων ἱππεῖς.... In what mood is ἢξοι, and why?
    - (b) ἱππεῖς ὡς ἀν δύνηται πλείστους. Give the corresponding Latin.
- (c) προτιμηθῆναι μάλιστα. Give the Comparative and Superlative of this adverb.
- 6. What is the derivation of :—ἐπιστολή, ὑπόμνημα, στρατηγός, κρίσις ἀπόρρητος.

HOMER.

#### Time allowed, 1½ hour.

1. Translate, without unnecessary change of construction:

Οὐ γὰρ πάντων ἦεν όμὸς θρόος οὐς τὰ γῆρυς,
'Αλλὰ γλῶσσ' ἐμέμικτο, πολύκλητοι δ' ἐσαν ἀνδρες.
'Ώρσε δὲ τοὺς μὲν 'Αρης, τοὺς δὲ γλανκῶπις 'Αθήνη.
Δεῖμὸς τ' ἡδε φόβος καὶ ἔρις ἄμοτον μεμανία,
''Αρεος ἀνδροφόνοιο κασιγνήτη ἐτάρη τε,
''Η τ' ὁλίγη μὲν πρῶτα κορύσσεται, αὐτάρ ἔπειτα
Ούρανω ἐστήριξε κάρη καὶ ἐπὶ χθουὶ βαἰνει.
''Η σΦιν καὶ τότε νεῖκος ὁμοίἰον ἔμβαλε μέσσω
'Ερχομένη καθ' ὅμιλον, ὁφέλλουσα στόνον ἄνδρῶν.
Ο' δ' ὅτε δή ρ' ἐς χῶρον ἔνα ξυνιόντες 'ικοντο,
Σἰν ρ' ἔβαλον ρινοὺς, σὰν δ' ἔγχεα καὶ μὲνε' ἀνδρῶν
Χαλκεοθωρήκῶν ἀτὰρ ἀσπίδες ὁμφαλόεσσαι
''Επληντ' ἀλλήλησι πολὺς δ' ὁρυμαγδὸς ὅρώρει.
''Ενθα δ' ἄμ' οἰμωγή τε καὶ εὐχωλή πέλεν ἀνδρῶν
''Ολλύντων τε καὶ ὀλλυμένων, ρ' ἐε δ' αἰματι γαῖα.

ILIAD, Bk. IV., vss. 437-451.

2. Parse fully each word of the line:-

Οί δ' ὅτε δή ρ'' ἐς χῶρον ἔνα ξυνιόντες ἴκουτο,

- 3. Decline together in the three numbers,  $^{\prime}\pi o\lambda \hat{\nu}\kappa \lambda \eta \tau o\iota$  and  $\delta \nu \delta \rho \epsilon \varsigma$ ; and write out in full the tenses  $\epsilon \mu \beta a\lambda \epsilon$  and  $\delta \kappa \delta \nu \tau o$ .
- 4. Give, in the Indicative mood, the 1st pers. sing. of the Present, the Future, the Perfect, and the 1st or 2nd Aorist of the verbs to which belong ἐμέμικτο, βαίνει, ἔμβαλε and ἴκουτο.
  - 5. Write the Attic forms of έσαν, ανδροφόνοιο, έμβαλε, αλληλήσι, γαΐα.
- 6. What is the derivation of πολύκλητος, γλαυκώπιε, ἀνδροφονος, ὅμιλος, οἰμωγη.

#### FRENCH.

Time allowed  $1\frac{1}{2}$  hour.

Examiner, ..... H. ASPINWALL HOWE, M.A., LL.D.

- 1. Translate, without unnecessary change of construction:
- (A) A peine affermi sur le trône, il tenta une entreprise plus difficile que des conquêtes. Les veritables tyrans de l'État étaient les évêques qui, ayant presque toutes les richesses de la Suède, s'en servaient pour opprimer les sujets, et pour faire la guerre aux rois. Cette puissance était d'autant plus terrible que l'ignorance des peuples l'avait rendu sacrée. Il punit la religion catholique des attentats de ses ministres: en moins de deux ans il rendit la Suède luthérienne, par la supériorité de sa politique plus encore que par autorité. Ayant ainsi conquis ce royaume, comme il le disait, sur les Danois et sur le clergé, il régna heureux et absolu jusqu'à l'âge de soixante-et-dix ans, et mourut plein de gloire, laissant sur le trône sa famille et sa religion.
- (B) Les Russes sont robustes, infatigables, peut-être aussi courageux que les Suédois; mais c'est au temps à aguerrir les troupes, et à la discipline à les rendre invincibles. Les seuls régiments dont on put espérer quelque chose étaient commandés par des officiers allemands; mais ils étaient en petit nombre; le reste était des barbares arrachés à leurs forêts, couverts de peaux de bêtes sauvages, les uns armés de flèches, les autres de massues: peu avaient des fusils, aucun n'avait vu un siège régulier; il n'y avait pas un bon cannonier dans toute l'armée.
  - 2. Parse the words of the first sentence of extract A.
- 3. Ayant presque toutes les richesses. When does the Present Participle of a Verb in French change for gender or number? Are ayant and étant subject to such change? Why or why not?
- 4. L'avaient rendue sacrée. Why are these Participles feminine? Give Rule for it.
- 5. Mais ils étaient en *petit* nombre. Give the comparative and the Superlative of this adjective, and distinguish it from *peu*.
- 6. Et mourut plein de gloire. Write out the Present Indic of this verb-Give also the Present Infinitive and the Present and Past Participles.

## PROFESSIONAL EXAMINATIONS.

#### FIRST YEAR.

#### BOTANY.

Examiner, ...... D. P. Penhallow, B.Sc.

- 1. Explain the structure of the ovum and spermatozoids, show in what they are produced, and compare their development in Pteridophytes and Angiosperms.
- 2. Explain the conditions essential to, and the products formed by, constructive metabolism.
- 3. Explain the difference between Chlorophytes and Saprophytes with reference to the appropriation of food and the metabolic products.
- 4. A tree is punctured and water is observed to flow from the opening. Show fully the cause of such movements, its relation to growth, and how it may be measured.
- 5. Show what elements constitute plant food, and how their value in this respect may be proved.
- 6. Give a statement of the conditions which determine the temperature of plants, and show to what extent the temperature produced in respiration is a factor.

#### HISTOLOGY.

Examiner.... Prof. G. Wilkins, M.D.

- 1. Describe the crystals that may be obtained from blood. How can they be shown under the microscope?
- 2. Describe the glands opening into the mouth and how the different varieties may be distinguished from one another.
  - 3. Describe minutely the structure of the kidney.
  - 4. Describe the retina.

#### PHYSIOLOGY.

Examiner..... T. Wesley Mills, M.A., M.D.

- 1. Compare, physiologically, plants and animals.
- 2. The circulation of the blood in mammals: (a) nature; (b) causes.
- 3. (a) Classify the food-stuffs of a meal consisting of beef-steak, potatoes, bread and apple-pie.
  - (b) State how and where these are digested.
- 4. The lungs: (a) structure; (b) functions and the relations of the latter to the former.
- 5. Compare anatomically and physiologically the spinal cord and the brain.
- 6. Describe the series of processes involved in "seeing" an object and describe the anatomical structures involved.

#### SECOND YEAR.

#### ANATOMY.

Examiner ...... Prof. Shepherd, M.D.

- (1) Name in proper order the various structures it is necessary to remove to expose the Hip-joint from in front.
- (2) The Brain having been removed from the skull, describe the dissection necessary to expose the Third Ventricle. What are the boundaries of this ventricle?
- (3) Give a short account of the Intrinsic Muscles of the Larynx, mentioning their actions, attachments, and nervous supply.
  - (4) Course and distribution of the Occipital Nerves and Artery.
  - (5) Stomach: Situation, relations, vascular and nervous supply.
- (6) Describe the attachments, actions, vascular and nervous supply of the muscles in relation with the capsule of the Shoulder Joint.

#### PHYSIOLOGY.

Examiner ..... Wesley Mills, M.A., M.D.

- 1. Write on one page of foolscap paper 20 statements of fundamental importance in animal physiology.
- 2. Blood capillaries, lymphatics, blood, lymph and chyle. (a) Structure; (b) general chemical composition of the last three; (c) functional relations of all of them.
- 3. A man on running 200 yards to catch a street car after dinner has the following experiences: (a) Greatly accelerated pulse and respiration; (b) sense of increased warmth, with profuse perspiration; (c) imperfect digestion; (d) inability to work mentally as usual.

Explain the causes and relations of these phenomena.

- 4. What are the principal waste-products of the animal organism (mammal)? To what in the *ingesta* do they correspond? By what organs are they excreted? Explain the relations of the latter to each other.
- 5. What are the views usually taught in regard to "absorption" from the alimentary canal? Criticise them.
- 6. Discuss the relations of the cerebral cortex to the rest of the nervous system; and the general relations of the latter to the various vital processes.
- 7. Show that all the senses are subject to the same general laws, illustrating especially by vision.
  - 8. Explain, as time permits, how embryology bears on physiology.

#### CHEMISTRY.

Examiner ......G. P. GIRDWOOD, M.D.

- 1. The specific gravity of a sample of wax is 0.96: the weight of a piece is 15.432 grains. Describe the mode of taking the specific gravity thereof. What weight of lead of specific gravity 11.36 would be required?
- 2. Given any quantity of Zn, K, H, Cl, and O, how would you proceed to obtain Zinc Hydrate? Describe the operation and show by equations the steps necessary.
- 3. Describe the properties of Phosphorus and calculate the weight of 1 litre of phosphorus vapor at 400°C, normal pressure.
- 4. Compare fully the modes of preparation and properties of Carbon Dioxide and Sulphurous Anhydride.

- 5. How are Sulphur and Nitrogen distributed in nature? How may these elements be detected in organic compounds?
- 6. Give a brief account of the chemistry of the acids of Sulphur and Boron.
- 7. Arsenic and Antimony have properties and reactions which show that they are intermediate between the metallic and non-metallic elements. Discuss this fully.
- 8. Two substances each yield the following results to analysis: Carbon, 24.24 per cent.; Chlorine, 71.72 per cent.; Hydrogen, 4.04 per cent.; Vapor density (air =1) =3.43. Give the formulæ and state how each may be prepared.
- 9. Classify (a) the Carbohydrates and (b) the Cyanides. Give the characteristics of each sub-group.
- 10. Describe two reactions that may be used to detect each of the following: (a) Prussic Acid; (b) Carbolic Acid; (c) Urea; (d) Ethyl Alcohol; (e) Oxalic Acid; (f) Acetic Acid; (g) Chloral Hydrate; (h) Mercuric Chloride; (i) Arsenious Oxide; (j) Lead Nitrate. Give equations wherever possible.

#### CHEMISTRY.

#### SUTHERLAND GOLD MEDAL.

Examiner, ..... Prof. G. P. Girdwood, M.D.

- 1. Show the relation existing between the three agencies, light, heat, and electricity.
- 2. Give examples showing that mechanical division increases chemical activity.
- 3. The properties of the elements vary with their atomic weights; illustrate this.
- 4. Discuss the physical properties of the class of elements called metals. How is the atomic weight of a metal determined? How could you separate Ag, Hg, Cd. Fe, Zn, Ca and Mg, if present in the same solution.
- 5. How many litres of HCl gas at 0°C. and 760 m.m. are required to precipitate all the silver contained in a solution containing 340 grammes of silver nitrate? If 500 C. C. of Cl at normal pressure and temp. are passed through ammonia in excess, and assuming all the Cl to be utilized, how many C. C. of N. will be liberated? How could you determine the formula of ammonia from these facts?
- 6. Show how the classes of organic compounds Alcohols, Ethers, Halogen Ethers and Mercaptans may be formed, and the relation which

exists between these and the organic compounds called amines, their classification and mode of formation.

- 7. Write an account of the chemistry of glycerine and its chief derivatives.
- 8. Prove the formula for urea; by what reactions might it be prepared from ethyl alcohol.
- 9. Write a short essay on the chemistry of either (a) the urine, (b) digestion, or (c) respiration.
- 10. Give two methods for the preparation of each of the following: Oxalic acid, acetamide, ethylamine, diethylketone, and butyric acid.

#### THIRD YEAR.

#### PATHOLOGY.

Examiner..... T. Wesley Mills, M.A., M.D.

- 1. Enumerate abnormalities in blood-distribution and describe two of them.
- 2. Inflammation: (a) Phenomena. (b) Causes and relations. (c) Various modes of termination.
- 3. What various forms of tissue degeneration are generally recognized? Connect them by common features anatomical and pathological.
- 4. In the case of four dogs exposed to an infectious disease caused by a micro-organism, the following were the results: (a) One dog that had previously had the disease escaped a second attack; (b) one suffered little apparent diminution of vitality; (c) one escaped wholly; (d) one died. Discuss the above in the light of the pathology of the present.
  - 5. Write as time permits on Tumors.

#### MEDICAL JURISPRUDENCE.

Examiner ...... Prof Wilkins.

- 1. What do you understand by the term cadaveric ecchymoses? Explain their formation and where found; also their importance medico-legally. How would you distinguish them from bruises inflicted during life?
  - 2. Explain the objections to the hydrostatic test of live birth.
- 3. Give some of the important symptoms of lead poisoning. Explain their absence in drinking *river* water, although conveyed through leaden pipes.
  - 4. Describe General Paresis of the insane.

### PHARMACOLOGY AND THERAPEUTICS.

Examiner......Prof. James Stewart, M.D.

1. Describe fully how the process of digestion may be influenced by alcohol, opium, quinine, strychnine, bicarbonate of potassium and hydrochloric acid—

(a) In small doses.

- (b) In large doses.
- 2. Take any drug that has a distinct action when (a) applied locally to the skin or mucous membrane; (b) when absorbed into the blood; and (c) while being eliminated. Describe fully such action as the agent you choose may be possessed of, and write a prescription (metric system) for any use that can be made of—
  - (a) Its direct local action.
  - (b) Its internal action.
  - (c) Its remote local action.
- 3. In sleeplessness, the following agents have been shown to be of value, viz., Strychnine, Opium, Sulphonal and Electricity. Explain their mode of action and point out in what particular forms of sleeplessness are they indicated.

How should they be administered?

- 4. Give a sketch of the dietetic treatment of Diabetes Mellitus and Acute Bright's Disease. Explain the reasons for adopting the form of diet you recommend.
- 5. In what conditions may stimulants of the respiratory centre prove useful? Write prescriptions for the uses you mention.
- 6. Explain the mode of action of alcohol, cold water and antipyrine in fever.

### M.D. C.M., FINAL EXAMINATION.

PRINCIPLES AND PRACTICE OF SURGERY.

- 1. To ligature the right common Carotid Artery, mention the structures to be cut through, the part of the vessel usually selected for the application of the ligature, and the relative position of contiguous structures to be avoided.
- 2. Trace the anterior Tibial Artery from its origin downwards. In wound of the vessel in the middle third of the leg, what structures would

guide you in your search for it and how would you arrest the hemorrhage?

- 3. Trace the descent of the bowel in Femoral Hernia. What structures does it acquire as its coverings? Where is the stricture situated in cases of strangulation, and what are the dangers to be avoided?
- 4. Mention the anatomical division of the Male Urethra. Describe the origin of stricture of this natural passage, and state where it is most commonly found.
- 5. Describe the dangers of Lateral Lithotomy and how they are to be avoided.
- 6. Dislocation of the first phalanx of the thumb backwards, what gives rise to the difficulty in its reduction?
- 7. At what period of their course may Burns prove fatal? Describe the causes of the fatality in each stage.
- 8. What is the object of carefully observing the temperature in patients after surgical operations?

What might a sudden rise or a marked fall in the temperature of the body indicate?

- 8. Describe an ordinary case of Sympathetic Ophthalmia, and state what you know concerning the causes, prevention, and treatment of this disease.
- 10. Chronic Suppurative Otitis Media? State what you know of the dangers, complications, and treatment of this affection.

#### THEORY AND PRACTICE OF MEDICINE.

Examiner..... Prof. R. P. Howard, M.D.

- 1. The diagnosis between Acute Articular Rheumatism and the diseases which may be confounded with it.
- 2. Describe the treatment of a severe case of Typhoid fever, attended with delirium and diarrhœa.
- 3. Enumerate the affections of the brain, heart, blood-vessels and eye which may result from chronic Bright's disease, and explain their production.
- 4. The forms of Acute Phthisis and the symptoms and signs indicative of each form?
- 5. Prescribe the dietetic and hygienic treatment of Gout, Diebetes Mellitus, and Chronic Interstitial Nephritis.
- 6. Relate the early symptoms suggestive of Tabes Dorsalis, Rickets, and Diabetes Mellitus.

- 7. Describe the morbid anatomy of Cerebral Syphilis and of Rheumatoid Arthritis.
- 8. The symptoms and course of acute yellow atrophy of the liver? The peculiarities of the urine in it?
- 9. The causes, clinical diagnosis and several consequences of Mitral Regurgitation?
- 10. An infant, while in its usual health, is suddenly seized with fever vomiting, stupor and convulsions, which last two days, and then these symptoms gradually disappear, leaving the child aphasic and hemiplegic. What is the probable nature of the affection, and what evidences of the illness will be likely to exist a year later? What wlll be the condition of the paralyzed limbs then?

#### GYNÆCOLOGY.

Examiner ...... Prof. W. Gardner, M.D.

- 1. Retroversion and Inversion of the Uterus? Symptoms, physical signs and diagnosis?
  - 2. Reflex and Systemic disturbances attendant on Chronic Metritis?
  - 3. Myoma Uteri? Varieties, symptoms and physical signs?
- 4. Ovarian Tumors? Symptoms and the more common complications and accidents?

#### OBSTETRICS AND DISEASES OF INFANCY.

- 1. Describe fully the management of the *third stage* of labor, giving your reasons for the various manœuvres recommended.
- 2. When is the premature induction of labor indicated? What are the relative merits of the methods proposed by Krause, Cohen, Kiwisch, and Barnes?
- 3. How would you perform *combined pelvic version*, and when would you prefer this to the *high forceps* operation?
- 4. During gestation a primipara suffers considerably from nausea, loss of appetite, constipation and palpitation. Labor is tedious and several vaginal abrasions occur, together with laceration of the perineum to the second degree. Convalescence proceeds favorably till the evening of the third day, when there is a severe chill with rise of pulse and temperature. Describe fully your treatment of such a case.
  - 5. How would you treat—(a) Umbilical hemorrhage?
    - (b) Congenital hernia?
    - (c) Talipes equino-varus in an infant?

- 8. Describe the appropriate surgical management of the following conditions: Simple Chronic Enpyema, and Empyema with Pneumothorax secondary to Phthisis.
- 9. The conditions under which Laryngismus occurs? What is it usually a symptom of in infancy and what treatment does it then require?
- 10. A healthy, temperate man of 54 was suddenly seized with a feeling of general numbness, vertigo and inability to speak; he walked home, about one-eighth of a mile, and then could speak with difficulty; after a hot foot-bath he felt slight want of power in right arm and leg. When seen next day, temperature under tongue 98° F; pulse 76, regular, large, with moderately increased tension; radials not beaded; moderate right hemiplegia without lingual paralysis; speech slow, articulation indistinct; writing bad; sense of touch normal, of tickling impaired in right sole; memory normal; some dulness of perception. No disease of heart or valves; no albuminuria. What pathological conditions might give rise to these symptoms? What is the most probable explanation of them? Give the reasons for your opinions.

#### OBSTETRICS.

Examiner ..... Prof. Cameron, M.D.

- 1. How would you treat the Vomiting of Pregnancy (a) in the mild, (b) in the severe, (c) in the grave form?
- 2. A woman aborts at the twentieth week of pregnancy. Some hours after the expulsion of the feetus, the placenta can be felt partially protruding from the os uteri; during extraction, it breaks down and has to be removed in pieces. No hemorrhage occurs, but in a couple of days the discharges become feetid, and there is a rigor. Describe fully how you would treat the case.
- 3. Breech-presentation; what dangers and complications are liable to arise during the progress of the case, and how would you treat them?
- 4. When would you prefer Craniotomy to the modern Cæsarian section? How would you perform the operation?

THE RESERVE OF THE PARTY OF THE

## McGILL UNIVERSITY

ANNUAL CALENDAR

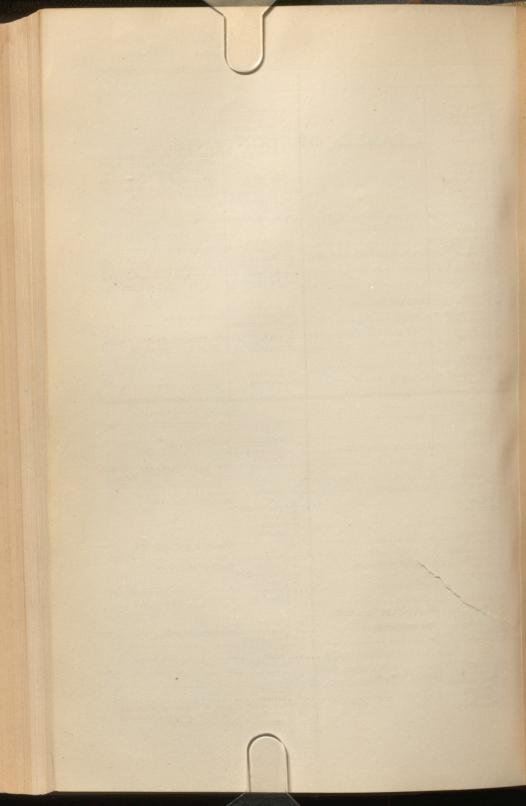
# FACULTY OF MEDICINE.



58TH SESSION 1890-91.

MONTREAL:

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## CALTNDAR, 1890-91.

#### JULY, 1800. SEPTEMBER, 1890. I Tuesday Monday Wednesday Tuesday 3 Thursday Wednesday Friday 3 Thursday 5 Saturday Summer Session ends. Friday Galvani born, 1737. Candidates for matriculation 5 Friday 6 Saturday 7 Monday of Provincial Medical Board Tuesday SUNDAY to send fee (\$10) to Dr. Bel-8 Monday leau, Quebec. Candidates for their licence to send fee o Wednesday 9 Tuesday 10 Thursday 10 Wednesday (\$20) and credentials. II Friday 11 Thursday 12 Saturday 12 Friday 13 Saturday 13 MUNDAY 14 Monday 14 SUNDAY Tuesday 15 Monday 16 Wednesday 16 Tuesday Dr. N. Robertson died, 1884. 17 Thursday 17 Wednesday 18 Thursday 18 Friday Matriculation examinations of 19 Saturday 19 Friday C. P. & S. of Quebec (Provincial Board) at Quebec. 20 Saturday 20 SUNDAY 21 Monday 21 SUNDAY Malpighi died, 1694. 22 Tuesday 22 Monday Wednesday 23 23 Tuesday 24 Wednesday Register opens. Thursday 25 Friday 25 Thursday 26 Saturday Matriculation Exam. begins, 26 Friday High Sc., Peel street. 27 Saturday 28 Monday 20 Tuesday 28 SUNDAY 29 Monday 30 Wednesday 31 Thursday 30 Tuesday AUGUST, 1890. OCTOBER, 1890. I Friday 1 Wednesday |Session opens. 2 Saturday Duverney born, 1648. 2 Thursday 3 Friday Monday Jas. McGill born, 1744. Foun-der's day. McGill Medical Society semi-annual meet-4 Saturday Tuesday Wednesday 5 SUNDAY 6 Monday Thursday Friday Tuesday Fallopius died, 1562. Wednesday 9 Saturday 9 Thursday 10 Friday 10 SUNDAY 11 Saturday 12 Tuesday Vesalius died, 1564 13 Wednesday Monday Monday Thursday 14 Lavoisier born, 1743. Tuesday 14 Reamur died, 1757. 15 Friday Wednesday 16 Saturday 16 Thursday 17 Friday 18 Saturday 18 Monday A Y 19 Tuesday Sir A. Cooper born, 1768 20 Wednesday 19 SUNDAY 20 Monday 21 Thursday Hey born, 1736. Tuesday Wednesday 21 22 Friday Baillie born, 1761. 22 23 Saturday 23 Thursday 24 Friday 25 Saturday 25 Monday 26 Tuesday Goethe born, 1749. 27 Wednesday SUNDAY Monday 27 Monday 28 Tuesday 28 Thursday 29 Friday 29 Wednesday 30 Thursday Lectures began in Montreal 30 Saturday Medical Institution in 1824. 31 Friday All Hallows Eve. 31 SUNDAY

#### JANUARY, 1891. NOVEMBER, 1890. All Saints' Day 7 Saturday 1 Thursday 2 SUNDAY 2 Friday 3 Saturday 3 Monday Tuesday 4 4 SUNDAY 5 Wednesday 6 Thursday Monday First lectures delivered in Med. Faculty, 1829. Bichat born, 1771. Lectures resumed in Medical Tuesday 7 Friday Faculty. Linacre born, 1460. Wednesday Thursday S Saturday o Friday 9 SUNDAY 10 Saturday 10 Monday 11 SUNDAY 11 Tuesday 12 Monday 12 Wednesday Tuesday 13 Thursday 13 Wednesday Thursday Lower born, 1653. 14 Friday 14 15 Saturday 16 Friday 16 SUNDAY 17 Saturday Monday 17 Monday 18 Tuesday 18 SUNDAY Radcliffe born, 1650. 19 Wednesday 19 Monday 20 Tuesday 20 Thursday Dr. Wm. Caldwell died, 1833. 21 Friday 21 Wednesday 22 Thursday 22 Saturday 23 Friday 23 SUNDAY 24 Saturday 24 Monday 25 SUNDAY Tuesday 26 Monday 26 Wednesday Tuesday 27 Thursday 28 Friday 27 Tuesday 28 Wednesday Charter granted to Montreal General Hospital, 1823. 29 Thursday 29 Saturday 30 Friday 31 Saturday 30 SUNDAY FEBRUARY, 1891. DECEMBER, 1890. 1 Monday 1 SUNDAY 2 Tuesday 3 Wednesday 2 Monday Tuesday Willis born, 1622. 4 Thursday Wednesday Friday 6 Saturday Thursday 5 Thurse 6 Friday Prof. Sutherland died, 1875. 7 SUNDAY 7 Saturday 8 Monday S SUNDAY o Tuesday o Monday 10 Wednesday and Tuesday II Thursday 11 Wednesday John Hunter born, 1728. Class Examinations 12 Friday Christmas Exam, in Botany. 12 Thursday (1 13 Saturday 13 Friday-14 SUNDAY 14 Saturday 15 Monday 16 Tuesday James McGill died, 1813. Laennec born, 1781. 15 SUNDAY Assessors of C.P. & S. of the 16 Monday Wednesday 17 Wednesday 18 Thursday 17 Tuesday 18 Wednesday Province to be notified of examinations. 19 Friday Lectures close for the term. 10 Thursday (3) Pott died, 1788. 20 Saturday Abernethy born, 1697. 20 Friday 21 SUNDAY 21 Saturday Albinus born, 1697. 22 Monday Morgagni born, 1682. 22 SUNDAY Peyer born, 1653. 23 Tuesday 23 Monday 24 Tuesday 24 Wednesday 25 Thursday Christmas. 25 25 Wednesday 26 Thursday 26 Friday 27 Saturday 27 Friday . 28 Saturday

Boerhaave born, 1688.

28 SUNDAY 29 Monday 30 Tuesday 31 Wednesday

#### MARCH, 1891. MAY, 1891. I Friday 1 SUNDAY 2 Saturday 2 Monday 3 Tuesday 3 SUNDAY Wednesday 4 Monday Thursday Tuesday 5 Tuesday 6 Wednesday Friday 7 Saturday Thursday 7 Thursd 8 Friday Matriculation Examination of Quebec Medical Board at SSUNDAY 9 Saturday o Monday-Clinical Examinations. 10 Tuesday 10 SUNDAY II Wednesday II Monday 12 Thursday Tuesday Wednesday Thursday 13 Friday-Semi-annual Meeting of Que-bec Med. Board at Montreal Lectures close Ed. Jenner born, 1749. Heberden born, 1710. Friday 15 SUNDAY 16 Saturday 16 Monday -Tuesday 17 SUNDAY Wednesday. Primary and Final 18 Monday Written Examinations. 19 Tuesday 20 Friday 20 Wednesday 21 Saturday 21 Thursday Professor Scott died, 1883. 22 Friday 22 SUNDAY 23 Saturday 23 Monday Primary and Final 24 Tuesday Oral Examinations. 24 SUNDAY Wednesday 25 25 Monday 26 Tuesday Thursday Friday 27 Friday 28 Saturday Wednesday Prof. G. W. Campbell died Prof. Howard died, 1880. Thursday 1882 29 SUNDAY 29 Friday 30 Monday 30 Saturday 31 Tuesday APRIL, 1891. JUNE, 1891. Wednesday Convocation for Medical 2 Thursday Degrees. 1 Monday 3 Friday Tuesday 4 Saturday Wednesday Corner-stone of Montreal Gen-Thursday eral Hospital laid, 1821. 5 SUNDAY 5 Friday 6 Saturday Friday 6 Monday Eustachius died, 1574. 7 Tuesday 8 Wednesday Tuesday 7 SUNDAY 9 Thursday 8 Monday 10 Friday o Tuesday 11 Saturday 10 Wednesday 11 Thursday Sydenham born, 1624. 12 SUNDAY 12 Friday 13 Monday Summer Session begins. Annual Meet'g McGill Medi-13 Saturday Tuesday 14 14 SUNDAY Wednesday cal Society. 16 Thursday 15 Monday Rolando born, 1773. 17 Friday 18 Saturday Tuesday Petit born, 1760. 17 Wednesday Wednesday 19 SUNDAY 19 Friday 20 Monday Orfila born, 1787. 20 Saturday 21 Tuesday 21 SUNDAY 22 Wednesday Thursday 22 Monday 23 24 Friday Tuesday 23 24 Wednesday 25 Saturday Thursday Montreal Medical Institution 26 SUNDAY became Med. Faculty, 1829. 26 Friday 27 Monday 28 Tuesday 27 Saturday 28 SUNDAY 29 Wednesday Candidates for Matriculation of Provincial Board to send 29 Monday 30 Thursday fee, \$10, to Dr. F.W. Campbell, Montreal. Candidates 30 Tuesday

for Lice use to send fee, \$20, and credentials.

## BENEFACTORS OF THE

# Haculty of Medicine.

### I.—LEANCHOIL ENDOWMENT.

Sir Donald A. Smith, K.C.M.G	\$50,000
II.—Campbell Memorial Endowment.—\$63,000	

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C.) 100	kleck Hill) 20
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III.—CAMERON OBST	ETHICAL JINDOWNENT.
Dr. J. C. Cameron	\$10,000
	#20,000

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Transactions of Intercolonial Medical Congress of Australasia.

" Dr. Cheadle:—

Cheadle—Artificial Feeding of Infants.

' Rheumatic State in Children.

" Dr. Shepherd:—

Shepherd—Retrospect of Surgery, 1886-90.

N. Y. Medical Record, 1889.

La Semaine Médicale, 1 89.

Canadian Practitioner, 1889.

Dr. J. C. Cameron:

Atlas of Illustrations of Pathology.

" Montreal Medical Journal:-

Index Catalogue. Vol. X.

Transactions of the Academy in Ireland.

Transactions of the College of Physicians, Philadelphia. Vols. X & XI.

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(The Governors, Principal and Fellows constitute, under the Charter, the Corporation of the University, which has the power, under the Statutes, to frame regulations touching Courses of Study, Matriculation, Graduation and other Educational matters; and to grant Degrees.)

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[And Secretary of the Royal Institution.]

JAMES W. BRACKENRIDGE, B.C.L., Acting Secretary; Office, East Wing McGill College; Residence, 117 Shuter Street.

SAMUEL R. BURRELL, Clerk.

Office hours, 9 to 5.

## General Statement.

### SESSION OF 1890-91.

The Fifty-eighth Session of the University, being the Thirty-seventh under the amended Charter, will commence in the Autumn of 1890.

By Virtue of the Royal Charter, granted in 1821, and amended in 1852, the Governors, Principal and Fellows of McGill College constitute the Corporation of the University; and, under the Statutes framed by the Board of Governors, with the approval of the Visitor, have the power of granting Degrees in all the Arts and Faculties, in McGill College, and Colleges affiliated thereto.

The Statutes and Regulations of the University have been framed on the most liberal principles, with the view of affording to all classes of persons the greatest possible facilities for the attainment of mental culture and professional training. In its religious character the University is Protestant, but not denominational; and while all possible attention will be given to the character and conduct of students, no interference with their peculiar religious views will be sanctioned.

The educational work of the University is carried on in McGill College, Montreal, and in the affiliated Colleges and Schools.

#### I.—McGILL COLLEGE.

THE FACULTY OF ARTS.—The complete course of study extends over four Sessions, of eight months each; and includes Classics and Mathematics, Experimental Physics, English Literature, Logic, Mental and Moral Science, Natural Science, and one Modern Language, or Hebrew. The course of study is, with few exceptions, the same for all students in the first two years; but in the third and fourth years extensive options are allowed, more especially in favour of the Honour Courses in Classics, Mathematics, Mental and Moral Science, Natural Science, English Literature and Modern Languages. Certain exemptions are allowed to professional students. The course of study leads to the Degrees of B.A., M.A., and LL.D.

THE DONALDA SPECIAL COURSE IN ARTS provides for the education of women, in separate classes, with course of study, exemptions and honours similar to those for men.

THE FACULTY OF APPLIED SCIENCE provides a thorough professional training, extending over three or four years, in Civil Engineering, Mechanical Engineering, Mining Engineering and Assaying, and Practical Chemistry, leading to the Degrees of Bachelor of Applied Science, Master of Engineering, and Master of Applied Science.

THE FACULTY OF MEDICINE.—The complete course of study in Medicine extends over four Sessions, of six months each, and one Summer Session of three months in the third Academic Year, and leads to the Degrees of M.D., C.M.

THE FACULTY OF LAW.—The complete course in Law extends over three Sessions of six months each, and leads to the Degrees of B.C.L. and D.C.L.\*

### II.—AFFILIATED COLLEGES.

Students of Affiliated Colleges are matriculated in the University, and may pursue their course of study wholly in the Affiliated College, or in part in McGill College, and may come up to the University Examinations on the same terms with the Students of McGill College.

- MORRIN COLLEGE, Quebec.—Is affiliated in so far as regards Degrees in Arts and Law. (Detailed information may be obtained from Rev. John Cook, D.D., Principal.)
- St. Francis College, *Richmond*.—Is affiliated in so far as regards the Intermediate Examinations in Arts. (Detailed information may be obtained from Principal Bannister, B.A., Richmond, P.Q.)

#### III.—AFFILIATED THEOLOGICAL COLLEGES.

Affiliated Theological Colleges have the right of obtaining for their students the advantage, in whole or in part, of the course of study in Arts, with such facilities in regard to exemptions as may be agreed on, and a number of Free Tuitions are granted by the Board of Governors to the Students of these Colleges when matriculated in Arts.

- THE CONGREGATIONAL COLLEGE OF BRITISH NORTH AMERICA, Montreal. Rev. WILLIAM M. BARBOUR, D.D., 58 McTavish St.
- THE PRESBYTERIAN COLLEGE, MONTREAL, in connection with the Presbyterian Church in Canada. Principal, Rev. H. MACVICAR, D.D., LL.D., 69 McTavish St.
- THE DIOCESAN COLLEGE OF MONTREAL. Principal, Rev. CANON HENDERSON M.A., D.D., 896 Dorchester St.
- THE WESLEYAN COLLEGE OF MONTREAL. Principal, REY. GEORGE DOUGLASS, LL.D., 228 University St.

[Calendars of the above Colleges and all necessary information may be obtained on application to their Principals.]

#### IV.-McGILL NORMAL SCHOOL.

THE McGILL NORMAL SCHOOL provides the training requisite for Teachers of Elementary and Model Schools and Academies. Teachers trained in this School are entitled to Provincial Diplomas, and may, on conditions stated in the announcement of the School, enter the classes in the Faculty of Arts for Academy Diplomas and for the Degree of B.A. Principal, S.P. ROBINS, LL.D., 30 Belmont St., Montreal.

<sup>\*</sup> The complete Calendar, with information respecting all the Faculties, &c., may be obtained of J. W. Brackenridge, Esq., McGill College.

## V.—AFFILIATED HIGH SCHOOLS, ETC.

The Trafalgar Institute for the higher education of women, Simpson St., Montreal; Principal, Miss Grace Fairley. The High School of Montreal, Metcalfe St.; Principal, H. Aspinwall Howe, LL.D. The Girls' High School of Montreal, Metcalfe St.; Lady Principal, Mrs. H. H. Fuller. Prince of Wales' College, Charlottetown, P.E.I.; Bishop's College School, Lennoxville; St. Francis College School; Miss Symmers and Smith's School, Montreal; Eliock School, Montreal; Girls' High School, St. John, N.B.; Clarenceville Academy; Coaticook Academy; Cowansville Academy; Dunham Academy; Gould Model School; Huntingdon Academy; Inverness Academy; Knowlton Academy; Lachute Academy; Quebec High School; Quebec Girls' High School; Shawville Academy; Sherbrooke Boys' Academy; Sherbrooke Girls' Academy; Stanstead Wesleyan College; St. John's High School; Sutton Academy; Three Rivers Academy; Waterloo Academy; Waterville Academy;

## faculty of Medicine.

SIR WILLIAM DAWSON, C.M.G., LL.D., F.R.S., Principal and Professor of Natural History.

ROBERT CRAIK, M.D., Dean of the Faculty and Professor of Hygiene and Public Health, 887 Sherbrooke St.

EMERITUS PROFESSORS.

WILLIAM WRIGHT, M.D., Materia Medica, 84 St. Famille Street. DUNCAN C. MACCALLUM, M.D., Midwifery, 45 Union Avenue. G. E. FENWICK, M.D., Surgery, 2356 St. Catherine Street.

#### PROFESSORS.

ROBERT CRAIK, M.D., Prof. of Hygiene and Public Health.
G. P. GIRDWOOD, M.D., Professor of Chemistry, 54 Beaver Hall Hill.

GEORGE ROSS, M.A., M.D., Professor of Medicine, 49 Union Avenue.

THOMAS G. RODDICK, M.D., Professor of Surgery and Clinical Surgery, 80 Union Avenue.

WILLIAM GARDNER, M.D., Professor of Gynæcology, 109 Union Avenue.

Francis J. Shepherd, M.D., Professor of Anatomy and Librarian of the Faculty, 152 Mansfield Street.

FRANK BULLER, M.D., Professor of Ophthalmology and Otology, 123 Stanley Street.

JAMES STEWART, M.D., Professor of Pharmacology and Therapeutics, and Registrar of the Faculty, 939 Dorchester Street.

George Wilkins, M.D., Professor of Medical Jurisprudence, and Lecturer on Histology, 898 Dorchester Street.

D. P. PENHALLOW, B.Sc., Professor of Botany, McGill College.

R. L. MACDONNELL, B.A., M.D., Professor of Clinical Medicine, 117 Metcalfe Street.

WESLEY MILLS, M.A., M.D., Professor of Physiology, McGill College.

James Chalmers Cameron, M.D., Professor of Midwifery and Diseases of Infancy, 941 Dorchester Street.

### DEMONSTRATORS, INSTRUCTORS, &c.

R. F. RUTTAN, B.A., M.D., Lecturer on Chemistry, McGill College. JAMES BELL, M.D., Lecturer on Clinical Surgery, 53 Union Avenue.

WILLIAM R. SUTHERLAND, M.D., Assistant Demonstrator of Anatomy, and Curator of the Museum, 764 Sherbrooke Street.

GEORGE W. MAJOR, B.A., M.D., Instructor in Laryngology, 82 Union Avenue. ALEX. D. BLACKADER, B.A., M.D., Instructor in Diseases of Children, 70 Beaver Hall Hill.

WYATT G. JOHNSTON, M.D., Demonstrator of Pathology, McGill College. T. JOHNSON ALLOWAY, M.D., Instructor in Gynæcology, 23 Mackay Street. F. G. FINLEY, M.D., Assistant Demonstrator of Anatomy, 801 Dorchester St.

H. S. BIRKETT, M.D., Assistant Demonstrator of Anatomy, 123 Stanley Street.

## McGill University.—faculty of Medicine.

TIME TABLE—FIRST AND SECOND YEARS, 1889-90.

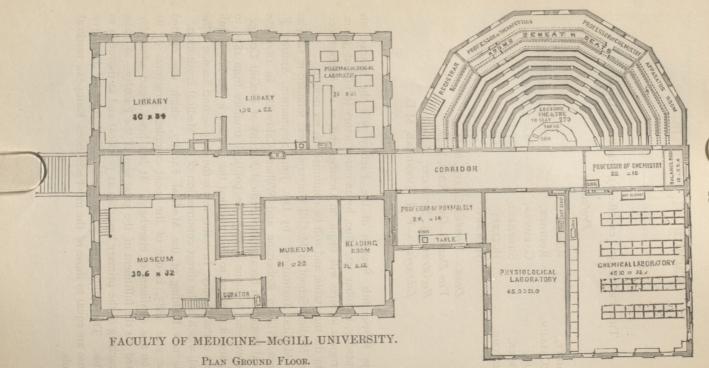
1.M.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
,	Anatomy Examination.	Anatomy.	Anatomy.	Anatomy,	Anatomy.	Practical Physiology, 2nd Year,
10	* Practical Chemistry, 2nd Year till 12 0'clock.	Practical Chemistry, 2nd. Botany, 1st Year.	Practical Chemistry, 2nd Year. Histology Lecture, 1st Year.	Practical Chemistry, Botany, 1st Year.	Practical Chemistry, 2nd Year	Practical Chemistry, Practical Physiology, Histology Demonstration.
11	Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Montreal Gen'l Hospital,	Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Montreal Gen'l Hospital,	Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Montreal Gen'l Hospital.
P.M.	Physiology Examination, 2nd Year,	Physiology, 2nd Year,	Physiology, and Year.	Physiology, 1st Year,	Physiology, 1st & 2nd Year.	
3	Chemistry Examination.	Chemistry.	Chemistry.	Chemistry.	Chemistry.	
4	Therapeutics Examination. Physiology, 1st Year.	Therapeutics.	Therapeutics. Physiology, 1st Year.	Therapeutics.	Therapeutics. Physiology, 1st Year.	
4 to 6	THE SECOND	Practical Histology.		Practical Histology.		
10 to 12 AM.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.

N.B.—The Demonstrators' Hours in the Dissecting Room are from 10-12 a.m., and from 8-10 p.m. \* Until Christmas only.

# McGill University.— faculty of Medicine.

TIME TABLE—THIRD AND FOURTH YEARS, 1889-90.

A. M.	Monday.	Tuesday.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Mid wifery.	Midwifery.	Gynæcology.	Midwifery.	Gynæcology.	
10	Surgery, Examination.	Surgery.	Surgery.	Surgery.	Surgery.	Morbid Anatomy Demonstrations.
)1	Practice of Medicine, Examination.	Practice of Medicine.	Practice of Medicine.	Practice of Medicine.	Practice of Medicine.	
P.M. 1-2.30	Medical Clinic, 4th Year. Surgical Clinic, 3rd Year.	Surgical Clinic, 4th Year Medical Clinic, 3rd Year	Medical Clinic, 4th Year Surgical Clinic, 3rd Year	Surgical Clinic, 4th Year Medical Clinic, 3rd Year	Medical Clinic, 4th Year Surgical Clinic, 3rd Year	Surgical Clinic, 4th Ye Medical Clinic, 3rd Ye
2						
4			Skin Clinic.			
2.30	Ophthalmic Clinic.	Clinic on Diseases of Children.	Skin Clinic.  Ophthalmic Clinic.		Ophthalmic Clinic, Clinic on Diseases of Children.	
	Ophthalmic Clinic.  Therapeutics Examination.			Therapeutics,	Clinic on Diseases	
2.30	Therapeutics	of Children.	Ophthalmic Clinic.  Clinical Therapeutics,	Therapeutics.  Lecture on Ophthalmology. Gynæcological Clinic.	Clinic on Diseases of Children.	Gynæcological Clini



# faculty of Medicine.

THE PRINCIPAL (ex officio), SIR WM. DAWSON.

### Professors:

WRIGHT. Ross. WILKINS, MACCALLUM. Roddick. PENHALLOW. CRAIK, GARDNER. MACDONNELL. FENWICK, SHEPHERD, MILLS. GIRDWOOD, BULLER, CAMERON, STEWART.

> Dean.—Robert Craik, M.D. Vice-Dean.—Geo. Ross, M.D. Registrar.—J. Stewart, M.D. Librarian.—F. J. Shepherd, M.D.

The Fifty-eighth Session of the Faculty will be opened on Wednesday, October 1st, 1890, by an introductory lecture at 3 p.m. The regular lectures will begin on October 2nd, at the hours specified in the time table, and will be continued for six months.

The Medical School of McGill University was founded in 1824 as the "Medical Institution" by Drs. John Stephenson, Andrew F. Holmes, William Robertson and William Caldwell. In 1829 the Medical Institution became the Medical Faculty of McGill College. There were no Sessions during the political troubles from 1836 to 1839, and it is owing to this gap that the present is the fifty-eighth Session of the Faculty. In reality this is the sixty-second Session of the School, which is the direct continuation of the Medical Institution.

The new building of the Medical Faculty, which was opened in the year 1885, is one of the most complete structures of its kind on this continent or elsewhere. It has been found admirably adapted for the fulfilment of the great aim of the Faculty—to make the teaching of the primary branches as practical and as thorough as possible. The facilities now possessed by the Faculty for the above purpose are equal to those of the most advanced European medical schools.

Through the great liberality of Sir Donald A. Smith in founding the "Leanchoil Endowment," and of the citizens of Montreal and Medical Graduates in subscribing to the "Campbell Memorial Fund," the Faculty are enabled to conduct and maintain the teaching of the different branches in a high state of efficiency.

#### Laboratories, &c.

In addition to the laboratories and dissecting room, there are two large lecture rooms, each capable of comfortably seating 300 students, and one small demonstration room for classes of 50 and under. The space allotted to the library and museum has been largely increased. A large reading room, with waiting and cloak rooms, have been provided for students.

### Dissecting Room.

The Dissecting Room, which is situated on the second floor, is 76 feet in length and 31 feet in breadth. It is furnished with twenty tables, and is well lighted for work during the day and night. In procuring appliances for the comfort and convenience of the students, no reasonable expense has been spared.

In connection with the dissecting room, there is a "Bone room," where students have an excellent opportunity of studying osteology. There are also two distinct rooms for the demonstrators of anatomy.

### Physiological Laboratory.

The Physiological Laboratory, which is situated on the ground floor, is supplied with the most modern apparatus for the practical teaching of this most important branch of the medical curriculum. It contains amongst other valuable instruments: kymographs, various manometers, &c., for demonstrating blood pressure; myographs, rheocords, moist chambers, &c., and various electrical appliances for demonstrating experiments in connection with nerve and muscle; special apparatus for illustrating various points in respiration; apparatus specially suitable for demonstrating the processes of digestion, as well as the chemical composition and nature of the secretions, and the chief constituents of the tissues and nutritive fluids. The laboratory is arranged in such a way as to permit of students assisting at, and taking part in, these demonstrations. During the past session important additions have been made to the apparatus of the physiological laboratory.

## Histological Laboratory.

The Histological Laboratory is a large, well lighted room on the second floor. It is so arranged that over eighty students can be present at the microscopical demonstrations. For this purpose it is supplied with thirty-five microscropes, all from the well-known makers, Zeiss, Hartnack and Leitz. From the large number of microscopes employed, students will have special facilities in studying and making themselves thoroughly acquainted with the specimens that are the subjects of demonstration.

## Pharmacological Laboratory.

The Pharmacological Laboratory is a large room situated on the ground floor, and is now furnished with the necessary appliances for the practical teaching of pharmacy. It is hoped that before another session passes away, the apparatus necessary for the demonstration of the more important actions of many drugs will be in possession of the Faculty.

### Chemical Laboratory.

The Chemical Laboratory is large, lofty, and well lighted, and can accommodate comfortably 76 men at one time. Each student, when entering on this course, has a numbered table in the laboratory assigned to him for his use during the session. Each table has its own gas and water fixtures, and is provided with shelves for its corresponding set of reagent-bottles, as well as a drawer and locker containing a modern set of chemical apparatus especially adapted for the work. This apparatus is provided by the Professor of Chemistry, and supplied to each student without extra charge. The student is only required to pay for apparatus broken or destroyed.

The laboratory is furnished with a large draught closet for ventilation, sulphuretted hydrogen apparatus, gas and combustion furnaces, &c., giving to the student unsurpassed advantages for acquiring a sound and practical knowledge of medical chemistry.

### Pathological Laboratory.

In the Pathological Laboratory accommodation will be provided tor students or practitioners who desire to carry on private pathological research. The recent additions made to the laboratory include a suite of rooms exclusively devoted to the study and culture of Bacteria, furnished with a complete outfit of the best modern apparatus for this purpose, including sterilizer, thermostat, &c., &c.

The demonstrations in Morbid Anatomy will be given in a small

laboratory specially arranged for the work.

The classes in Pathological Histology will be held in the Histological Laboratory.

The class tickets for the various courses are accepted as qualifying candidates for examination before the various Colleges and Licensing bodies of Great Britain and Ireland, and the College of Physicians and Surgeons of Ontario. The degree in Medicine of this University carries with it at the Licensing Boards of Great Britain the same exemptions in certain subjects as are granted to all colonial degrees.

To meet the circumstances of the General Practitioners in British North America, where there is no division of the profession into Physicians and Surgeons exclusively, the degree awarded upon graduation is that of "Doctor of Medicine and Master of Surgery," in accordance with the general nature and character of the curriculum, as fully specified hereafter. The degree is received by the College of Physicians and Surgeons of the Province of Quebec.

I.

#### MATRICULATION.

It is very important that intending Students should bear in mind the following:—

(1.) If residents of Ontario, and desirous of obtaining the license of that Province, they must conform to the regulations regarding the Preliminary Examination, and register before beginning their medical studies. (See page 26.)

(2.) If residents of the Province of Quebec, and desirous of obtaining the license of that Province, they must pass the Matriculation Examination of the Quebec Medical Board before beginning their

medical studies. (See page 25.)

In the event of a resident in the Province of Quebec producing a Certificate of Matriculation from any of the other Provinces of the Dominion he will be required to make a declaration that he had not obtained it with the object of avoiding the examination of the Quebec Medical Board.

(3.) Residents of the Maritime Provinces, Manitoba, or British Columbia may either pass the Preliminary Examination of their respective Medical Boards or the Matriculation Examination of this University.

## (A).—UNIVERSITY MATRICULATION EXAMINATION.

The Preliminary Examinations in General Education of the following Bodies is accepted by the University in lieu of its own Matriculation Examination:—

- 1. The College of Physicians and Surgeons, Ontario.
- 2. The College of Physicians and Surgeons, Quebec.
- 3. The New Brunswick Medical Board.
- 4. The Nova Scotia Medical Board.
- 5. The Manitoba Medical College.

Graduates and Matriculates in Arts of all recognized Universities are exempt from matriculation. Any student who is unable to present proof of having passed any one of the above or other equally satisfactory examination, will be required to undergo the matriculation examination either in Arts or Medicine of this University.

These examinations are as follows:-

The matriculation examination in Arts is held twice yearly: on the 1st of June and following days, and on the 17th of September and following days. The subjects for examination are Classics, Mathematics and English.

Greek .-- Xenophon, Anabasis, Book I.; Greek Grammar.

Latin-—Cæsar, Bell. Gall. Book I.; and Virgil, Æneid, Book I. lines 1-300; Latin Grammar.

Mathematics.—Arithmetic; Algebra, to simple equations (inclusive); Euclid's Elements, Books I., III.

English.—Writing from Dictation. A paper on English Grammar, including Analysis. A paper on the leading events of English history. Essay on a subject to be given at the time of the examination.

An equivalent amount of other books or other authors in Latin or Greek than those named may be accepted by the Examiners, on application made through the Professor of Classics.

Papers for the June examinations will be sent to local centres on application to the Secretary of the University. The September examinations are held in Montreal only.

The Medical Matriculation Examination is the same as that required by the Medical Council of Great Britain.

This examination will be held on the last Friday and Saturday in March and the last Friday and Saturday in September of each year. Applications may be made to Dr. Howe, the Examiner, till the evening of the previous day. The requirements of the standard for Matriculation are:—(1) English Language, including Grammar and Composition.\* (2) English History. (3) Modern Geography. (4) Latin, including Translation from the original and Grammar. (5) Elements of Mathematics, comprising (a) Arithmetic, including Vulgar and Decimal Fractions; (b) Algebra, including simple Equations; (c) Geometry, including the first two books of Euclid or the subjects thereof. (6) Elementary Mechanics of Solids and Fluids, comprising the elements of Statics, Dynamics and Hydrostatics. (7) One of the following optional subjects:—(a) Greek, (b) French, (c) German, (d) Italian, (e) any other modern language, (f) Logic, (g) Botany, (h) Elementary Chemistry.

<sup>\*</sup> The ability of the candidate will be fully tested in the following;—"(I) To write sentences in English on a given theme, attention being given to spelling and punctuation as well as to composition; (2) to write correctly from dictation; (3) to explain the grammatical construction of sentences; (4) to point out the grammatical errors in sentences ungrammatically composed, and to explain their nature; and (5) to give the derivation and definition of English words in common use."

Text-Books—Latin: Cicero, in Catalinam I.; or Virgil, Æneid, Bk. I.

Greek.—Xenophon, Anabasis, Bk. I., or Homer's Iliad, Bk. IV.

French.-Voltaire's Charles XII., Books I. and II.

Natural Philosophy. — Ganot's Physics, Books I., II. and III.

Botany .- Gray's How Plants Grow.

Elementary Chemistry .- Storer and Elliott's Manual.

### (B).—MATRICULATION EXAMINATION

OF THE

## COLLEGE OF PHYSICIANS AND SURGEONS OF QUEBEC.

Graduates in Arts of any British or Canadian University are exempted from this Examination on presentation of their Diplomas.

LATIN.— Cæsar's Commentaries, Bks. I., II., III., IV.—Virgil's Æneid, Bks. I. and II.—The Odes of Horace, Bk. III., with a sound knowledge of the Grammar of the Language.

English.—For English-speaking candidates.—A critical knowledge of one of Shakespeare's plays, viz., Richard III. for 1890, Henry IV., Part 1 for 1891, Henry IV., Part 2 for 1892, with English Grammar, as in Dr. Smith or Mason.

For French-speaking candidates.—Translation into French of passages from the first eight Books of Washington Irving's Life of Columbus, with questions of Grammar. Translation into English of extracts from Fénélon's Témélaque.

FRENCH.—For French-speaking candidates.—A critical knowledge of Molière's Le Bourgeois Gentilhomme, Fénélon's Aventures de Télémaque and La Fontaine's Fables, Books I., II., with questions of Grammar and Analysis.

For English-speaking candidates.—Translation into English of passages from Fénélon's Télémaque, with questions of Grammar. Translations into French of easy English extracts.

Belles Lettres and Rhetoric.—Principles of the subject as in Haven's Rhetoric, or Boyd's Rhetoric and Literary Criticism. History of the Literature of the age of Pericles in Greece, of Augustus in Rome, and of the 17th and 18th centuries of England and France.

HISTORY.—Outlines of the History of Greece and Rome, with particular knowledge of the History of Britain, France and Canada.

Geography.—A general view, with particular knowledge of Britain,
France and North America.

ARITHMETIC.—Must include Vulgar and Decimal Fractions, Simple and Compound Proportion, Interest and Percentages, and Square Root.

ALGEBRA.— Must include Fractions and Simultaneous Equations of the First Degree.

GEOMETRY.—Euclid, Books I., II., III., IV. and VI., or the portion of plane Geometry covered by those Books. Also the measurement of the lines, surfaces and volumes, of regular geometrical figures.

#### OPTIONAL SUBJECTS.

(The Candidate must take one of the three following.)

Greek.—Xenophon's Anabasis, Book I. Homer's Iliad, Book I., with Greek Grammar.

Physics.—Outlines of the subject, as in Ganot's Physics, translated by Atkinson.

Philosophy.—Elements of Logic as in Jevon's Logic, and Elements of Moral Philosophy, as in Calderwood's Hand-book.

Candidates must produce certificate of good moral character. Any candidate detected in copying or in conniving at another's copying from him, or in using books or notes, will be immediately dismissed from the room.

The Examinations will be held upon the 18th of September, 1890, at Quebec, and on the 7th of May, 1891, at Montreal. Applications to be made to Dr. F. W. Campbell, Montreal, or Dr. Belleau, Quebec, either of whom will furnish schedule giving text books and percentage of marks to be obtained.

Examination Fee, ten dollars. Should the candidate be unsuc-

cessful, one half of the fee will be returned.

Of the four years' study after having passed the Matriculation Examination, three six months' sessions, at least, must be attended at a University, College, or Incorporated School of Medicine, recognized by the "Provincial Medical Board." The first session must be attended during the year immediately succeeding the Matriculation Examination, and the final session must be in the fourth year.

## (c).—MATRICULATION EXAMINATION

OF THE

## COLLEGE OF PHYSICIANS AND SURGEONS OF ONTARIO.

Every one desirous of being registered as a Matriculated Medical Student in the Register of this College, except as hereinafter provided, must present to the Registrar, Dr. Pyne, Toronto, the official certificate of having passed the 2nd class Teachers' examination with Latin option; whereupon he shall be entitled to be so registered upon the payment of twenty dollars and giving proof of his identity.

Graduates in Arts, or Students having matriculated in Arts in any University in Her Majesty's Dominions, are not required to pass the Matriculation Examination, but may register their names with the Registrar of the College, upon giving satisfactory evidence of their qualifications and upon paying the fee of twenty dollars.

II.

### ENREGISTRATION.

The following are the University Regulations:-

All Students desirous of attending the Medical Lectures shall, at the commencement of each Session, enrol their names and residences in the Register of the Medical Faculty.

The said Register shall be closed on the last day of October in each year. Fees are payable to the Registrar, and must be paid in advance at the time of enregistration.

Enregistration in the Summer Session is compulsory upon all Students, whether attending one or more of the classes.

III.

## COURSES OF LECTURES.

### ANATOMY.

(DESCRIPTIVE AND PRACTICAL).

PROFESSOR FRANCIS J. SHEPHERD.

JOHN STEPHENSON, 1824. OLIVER T. BRUNEAU, 1842. WILLIAM E. SCOTT, 1856. Francis J. Shepherd, 1883.

Anatomy is taught in the most practical manner possible, and its relation to Medicine and Surgery fully considered. The lectures are illustrated by the fresh subject, moist and dry preparations, sections, models and plates, and drawings on the blackboard.

The department of *Practical Anatomy* is under the direct control and personal supervision of the Professor of Anatomy, assisted by his staff of Demonstrators.

The methods of teaching are similar to those of the best European schools, and Students are thoroughly grounded in this branch.

Every Student must be examined at least three times in each part dissected, and no certificate is given unless the examinations are satisfactory.

Special Demonstrations on the Brain, Thorax, Abdomen, Bones, &c., are frequently given. Prizes are awarded at the end of the Session for the best examination on the fresh subject.

The Dissecting Room is open from 8 a.m. to 10 p.m. Abundance of material provided.

#### CHEMISTRY.

PROFESSOR GILBERT P. GIRDWOOD.

LECTURER, R. F. RUTTAN.

Andrew F. Holmes, 1824.

WILLIAM SUTHERLAND, 1849.

ARCHIBALD HALL, 1842.

ROBERT CRAIK, 1867.

GILBERT P. GIRDWOOD, 1879.

Inorganic Chemistry is fully treated; a large portion of the course is devoted to Organic Chemistry and its relations to Physiology.

The branches of Physics bearing upon or connected with Chemistry also engage the attention of the Class. For experimental illustration abundant apparatus is possessed by the College.

The Chemical Laboratory will be open to members of the class to repeat experiments performed during the course, under the superintendence of the Professor or Lecturer.

### PRACTICAL CHEMISTRY.

PROFESSOR GILBERT P. GIRDWOOD.

LECTURER, R. F. RUTTAN.

The course in practical chemistry includes two hours' laboratory work three times a week for three months. The Students are instructed individually in chemical manipulations, blow-pipe analysis, and qualitative determination of the salts, acids, &c., they will require to use in practice. They are required before finishing their course to be familiar with the principles of practical Forensic and Sanitary Chemistry. Special attention is directed to instructing the Student in making accurate notes of his experiments and his conclusions. These notes are examined daily and criticised.

#### PHYSIOLOGY.

PROFESSOR WESLEY MILLS.

JOHN STEPHENSON, 1824. WILLIAM FRASER, 1849.
STEPHEN C. SEWELL, 1842. JOSEPH M. DRAKE, 1872.
ROBERT L. MACDONNELL, 1845. WILLIAM OSLER, 1874.
WESLEY MILLS, 1886.

The purpose of this Course is to make Students thoroughly acquainted, as far as time permits, with modern Physiology: its methods, its deductions, and the basis on which the latter rest. Accordingly a full course of lectures is given, in which both the Experimental and Chemical departments of the subject receive attention.

In addition to the use of diagrams, plates, models, &c., every department of the subject is experimentally illustrated. The experiments are free from elaborate *technique*, and many of them are of a kind susceptible of ready imitation by the Student.

Laboratory work for Senior Students:-

(1.) During the first part of the Session there will be a course

on Physiological Chemistry, in which the Student will, under direction, investigate food stuffs, digestive action, blood, and the more important secretions and excretions, including urine. All the apparatus and material for this course will be provided.

(2.) The remainder of the Session will be devoted to the performance of such experiments as are unsuitable for demonstration to a large class in the lecture room, and such as require the use of elaborate methods, apparatus, &c.

#### HISTOLOGY.

### PROFESSOR GEO. WILKINS.

This will consist of a course of ten lectures and twenty-five weekly demonstrations with the Microscope, besides a short course in the preparation and mounting of specimens. As the demonstrations will be chiefly relied upon for teaching the Microscopic Anatomy of the various structures, the specimens under observation will then be minutely described. Plates and diagrams specially prepared for these lectures will be freely made use of.

### PHARMACOLOGY AND THERAPEUTICS.

PROFESSOR JAMES STEWART.

Andrew F. Holmes, 1824. Archibald Hall, 1835. Stephen C. Sewell, 1842. A. Hall, 1849. William Wright, 1854. James Stewart, 1883.

The course on this subject comprises:

I. A description of the Pharmacology and Therapeutics of the more important medicinal agents.

II. The delivery of a weekly lecture ("Clinical Therapeutics") in the theatre of the General Hospital on some case or groups of cases well adapted for illustrating important points in both general and special Therapeutics. The material for these lectures is abundant, being obtained from both the wards and the out door clinics. Electro Therapeutics will also be dealt with in this part of the course.

III. The attendance during the summer session of a course on Practical Materia Medica.

#### MEDICINE.

#### PROFESSOR GEORGE ROSS.

WILLIAM CALDWELL, 1824. ANDREW F. HOLMES, 1842. WILLIAM ROBERTSON, 1833. R. PALMER HOWARD, 1860. GEORGE Ross, 1889.

While the lectures on this subject are mainly devoted to Special Pathology and Therapeutics, no opportunity is lost of illustrating and explaining the general laws of disease. With the exception of certain affections seldom or never observed in this country, all the important internal diseases of the body, except those peculiar to Women and children, are discussed, and their Pathological Anatomy illustrated by the large collection of morbid preparations in the University Museum, and by fresh specimens contributed by the Demonstrator of Morbid Anatomy.

The College possesses an extensive series of Anatomical plates illustrative of the Histological and Anatomical appearances of disease, and the wards of the General Hospital afford the lecturer ample opportunities to refer to living examples of very many of the maladies he describes, and to give the results of treatment.

#### CLINICAL MEDICINE.

PROFESSOR R. L. MACDONNELL.

JAMES CRAWFORD, 1845 and 1852. DUNCAN C. MACCALLUM, 1860. ROBT. L. MACDONNELL, 1849. STEPHEN C. SEWELL, 1850. R. PALMER HOWARD, 1856.

JOSEPH M. DRAKE, 1868. GEORGE ROSS, 1872. RICH'D L. MACDONNELL, 1889.

Attendance is given in the Medical Wards of the Montreal General Hospital on three days of every week with the 3rd year students, and three days with those of the 4th year. Accurate reports of all cases are kept by duly appointed clinical clerks, and are systematically read before the class. Instruction is given at the bed-side, and every pupil is required to take part in the physical examination of patients. The mode of conducting investigations, the use of the microscope, the value of the thermometer and ophthalmoscope, &c., in medical diagnosis, are all explained and illustrated. Senior Students are called upon in rotation to examine new cases before the class, and to be examined thereon as to their general knowledge. In addition, one weekly Clinical

Lecture is delivered, bearing upon some case or cases of importance which may happen to be under observation at the time. Special attention is directed to Medical Anatomy, and candidates for the degree will be examined thereon.

#### SURGERY.

PROFESSOR THOMAS G. RODDICK.

JOHN STEPHENSON, 1824. G. W. CAMPBELL, 1835. GEO. E. FENWICK, 1875. T. G. RODDICK, 1890.

The first part of this course consists of Surgical Pathology, illustrated by a large collection of preparations from the College Museum, also specimens as they are obtained from cases under observation at the Hospital, and contributed to that collection by the Hospital pathologist and from private sources. The second part of the course is devoted to the practice of Surgery, in which attention is drawn to cases which have been observed by the class during the previous summer session. The various surgical appliances are exhibited, and their uses and application explained. Surgical Anatomy and Operative Surgery form a special department of this course, and Quain's and Maclise's plates are used in illustration.

#### CLINICAL SURGERY.

PROFESSOR THOMAS G. RODDICK.

LECTURER JAMES BELL.

JAMES CRAWFORD, 1845.
WILLIAM E. SCOTT, 1852.
DUNCAN C. MACCALLUM, 1856.

ROBERT CRAIK, 1860. GEORGE E. FENWICK, 1867. THOMAS G. RODDICK, 1875.

This course is eminently practical, consisting of bedside instruction and lectures delivered weekly, illustrative of surgical cases actually present in the wards of the General Hospital. The class is separated into junior and senior divisions which are taken charge of by the Professor and Lecturer on alternate days, when the reports of the Clinical clerks are read and criticised, and fresh cases are examined by the senior students. The surgical dressings are, as much as possible, reserved for these occasions, so as to give all present an opportunity of participating in the application of splints to fractures, dressing of wounds, minor operations, &c. Major operations are performed in the theatre attached to the Hospital, which is so constructed that

the most distant can obtain a fair view of the operations. All the recently, invented appliances for the treatment of surgical disease have been introduced into the Hospital.

#### MIDWIFFRY.

#### PROFESSOR J. CHALMERS CAMERON.

WILLIAM ROBERTSON, 1824. JOHN RACEY, 1833. GEO. W. CAMPBELL, 1835.

ARCHIBALD HALL, 1854. DUNCAN C. MACCALLUM, 1868. ARTHUR A. BROWNE, 1883. MICHAEL McCulloch, 1842. J. CHALMERS CAMERON, 1886.

This course will embrace: 1. Lectures on the principles and practice of the obstetric art, illustrated by diagrams, fresh and preserved specimens, the artificial pelvis, complete set of models illustrating deformities of the pelvis, wax preparations, bronze mechanical pelvis, &c. 2. Bedside instruction in the Montreal Maternity, including external palpation, pelvimetry, the management and after-treatment of cases. 3. A complete course on obstetric operations with the phantom and preserved fœtuses. 4. The Diseases of Infancy.

5. A course of individual clinical instruction at the Montreal Maternity.

Arrangements have now been made for a graded course in Obstetrics, instruction being given separately to third year and final students.

Particular attention is given to Clinical instruction, and a Clinical examination in Midwifery similar to that held in Medicine and Surgery now forms part of the final examination.

#### GYNÆCOLOGY.

#### PROFESSOR WM. GARDNER, 1883.

The course on this subject will comprise two lectures a week throughout the session. The anatomy and physiology of the parts concerned will be first discussed. Then the various methods of examination will be fully described, the necessary instruments exhibited, and their uses explained. After this, the diseases peculiar to the sex will be considered as fully as time will permit, in the following order: - Disorders of Menstruation; Leucorrhœa, its causes and treatment; Pelvic Cellulitis and Peritonitis; Lacerations of the Cervix Uteri and Perineum; Urinary and Fæcal Fistulæ; Inflammations of the Uterus; Displacements of the Uterus; Tumors of the Uterus: Diseases of the Ovaries.

The lectures will be illustrated as fully as possible by drawings and morbid specimens. The Gynæcological Clinic of the General Hospital furnishes the Professor with ample material to illustrate the subjects considered in the didactic lectures.

Particular attention is given to Clinical instruction, and a Clinical examination in Gynæcology similar to that held in Medicine and Surgery now forms part of the final examination.

#### MEDICAL JURISPRUDENCE.

PROFESSOR GEO. WILKINS.

WILLIAM FRASER, 1845. FRANCIS BADGLEY, 1849. WILLIAM E. SCOTT, 1851. WILLIAM WRIGHT, 1852. GEORGE WILKINS, 1883.

R. PALMER HOWARD, 1854. DUNCAN C. MACCALLUM, 1860. Francis C. T. Arnoldi, 1850. George E. Fenwick, 1867. WILLIAM GARDNER, 1875.

This course includes Insanity, the subject being treated of in its Medical as well as Medico-Legal aspects. Special attention is devoted to the subject of blood stains, the Clinical, Microscopic and Spectroscopic tests for which are fully described and shown to the class. The various spectra of blood in its different conditions are shewn by Zeiss' Microspectroscope, so well adapted for shewing the reactions with exceedingly minute quantities of suspected material. Recent researches in the diagnosis of human from animal blood are alluded to. In addition to the other subjects usually included in a course of this kind, Toxicology is taken up. The modes of action of poisons, general evidence of poisoning and classification of poisons are first treated of, after which the more common poisons are described, with reference to symptoms, post-mortem appearances, and chemical tests. The post-mortem appearances are illustrated by plates, and the tests are shown to the class.

### OPHTHALMOLOGY AND OTOLOGY.

PROFESSOR FRANK BULLER, 1883.

Will include a course of lectures on diseases of the Eye and the Ear, both Didactic and Clinical. In the former, the general principles of diagnosis and treatment will be dealt with; in the latter,

cases illustrative of the typical forms of ordinary diseases of these organs will be exhibited and explained to the class, and afterwards placed under the special care of gentlemen who may show themselves competent to take charge of them. A course of Operations on the cadaver will be open to such students as may wish to avail themselves of the same.

#### HYGIENE AND PUBLIC HEALTH.

#### PROFESSOR ROBERT CRAIK.

GEORGE ROSS, 1871. WILLIAM GARDNER, 1879.
THOMAS G. RODDICK, 1873. R. L. MacDonnell, 1886.
ROBERT T. GODFREY, 1875. ROBERT CRAIK, 1889.

This course comprises lectures on Drinking Water and Public Water Supplies; conditions of Soil and Water as affecting health, including Drainage and the various methods for the removal of Excreta; the Atmosphere, including Heating and Ventilation; Individual Hygiene, comprising the subjects of Food and Drink; Physical Exercise and Bathing; discussion of the respective merits of the various forms of each, precautions, contra-indications, &c. Village Sanitary Associations; Mutual Protective Sanitary Associations for cities.

#### BOTANY.

#### PROFESSOR D. P. PENHALLOW.

Andrew F. Holmes, 1829. James Barnston, 1857.
Dr. Papineau, 1845. J. W. Dawson, 1855 & 58.
D. P. Penhallow, 1883.

The course in Botany includes General Morphology, Histology, Physiology and Classification. It is designed to give special prominence to Physiology, which will be made comparative whenever practicable. The course is illustrated by the microscope and gas microscope, and by the collection, models and apparatus in the

#### ZOOLOGY.

Peter Redpath Museum.\*

#### PROFESSOR SIR WILLIAM DAWSON.

This course includes a systematic study of the classification of animals, illustrated by Canadian examples and by the collections in

<sup>\*</sup> Exemptions from Botany in the Matriculation, for Arts' Students, do not entitle Students to exemptions in the First year.

the Peter Redpath Museum. It forms a suitable preparation for collecting in any department of Canadian Zoology and Palæontology, and an introduction to Comparative Physiology. It may be taken instead of Botany, or along with it, without any additional fee.

Students in Botany or Zoology will receive tickets to the Peter Redpath Museum, and to the Museum of the Natural History Society of Montreal.

#### PATHOLOGY.

W. G. JOHNSTON, DEMONSTRATOR.

This Course comprises :-

- r. Twenty-five lectures on General Pathology to students of the 3rd year.
- 2. Weekly Pathological Demonstrations to students of the Final years. The gross and microscopic appearances of specimens collected during the week, are demonstrated to the final classes. In addition, special demonstrations in Pathological Histology are given throughout the session.
- 3. Instruction in Post-Mortems. The Autopsy Room of the General Hospital is in charge of the Demonstrator. The post-mortems are performed by the students in rotation under his direction, and systematic demonstrations of post-mortem methods, including those to be followed in Medico-Legal cases, will also be given.

#### PRACTICAL MICROSCOPY.

This is an entirely optional course, in charge of Prof. Wilkins. It is intended especially for teaching the technique of Microscopy. Students will be shewn how to examine blood, &c., also to cut, stain, and mount specimens. For this purpose they will have furnished them normal structures, with which they will be able to secure a cabinet of at least 100 specimens, which will be of great benefit when in practice. Reagents and everything, except coverglasses and cabinet cases, provided. Fee \$8.

#### IV.

## QUALIFICATIONS FOR THE DEGREE.

The following are Extracts from the Regulations respecting the qualifications of Candidates for the Degree in Medicine:—

No one entering after October 1st, 1884, will be admitted to the Degree of Doctor of Medicine and Master of Surgery, who shall not have attended Lectures for a period of at least four six months' sessions and one three months' summer session\* in this University, or some other University, College or School of Medicine, approved of by this University.

2nd. Candidates for Final Examination shall furnish Testimonials of attendance on the following branches of Medical Education, viz.:—

ANATOMY.

PRACTICAL ANATOMY.

PHYSIOLOGY.

CHEMISTRY.

MATERIA MEDICA AND THERAPEUTICS.
PRINCIPLES AND PRACTICE OF SURGERY.

MIDWIFERY AND DISEASES OF WOMEN AND CHILDREN.

THEORY AND PRACTICE OF MEDICINE. CLINICAL MEDICINE.

CLINICAL SURGERY.

MEDICAL JURISPRUDENCE.

PRACTICAL CHEMISTRY.
BOTANY OR ZOOLOGY.
HYGIENE AND PUBLIC HEALTH.

HISTOLOGY.

GENERAL PATHOLOGY.

Of which Two Courses will be rerequired of Six Months' duration.

Of which One Course of Six Months, or Two Courses of Three Months will be required.

Of which One Course will be required of Three Months' duration.

Ten Lectures and Twenty-five Demonstrations.

Twenty-five Lectures.

Provided, however, that Testimonials equivalent to, though not precisely the same as those above stated, may be presented and accepted.

3rd. The Candidates must give proof by ticket of having attended during eighteen months the practice of the Montreal General Hospital, or of some other Hospital approved of by this University, and of having compounded medicines for six months.

<sup>\*</sup> To be taken after 3rd Winter Session.

4th. He must give proof of having assisted at six autopsies.

5th. He must also give proof by ticket of having attended for at least six months the practice of the University or other Lying-in-Hospital approved of by this University, and of having attended at least six cases of labor.

6th. No one will be permitted to become a Candidate for examination who shall not have attended at least one Session of this University, and one full course of all the branches included in its curriculum.

7th. Courses of less length than the above will only be received for the time over which they have extended.

8th. Students, except by special permission of the Faculty, must pursue the subjects of Anatomy, Chemistry, Histology and Botany in their first session, and are advised to take Physiology in addition.

9th. Candidates who fail to pass in not more than two subjects of the first two years may be granted a supplemental examination at the beginning of the following session.

10th. Supplemental examinations will not be granted, except by special permission of the Medical Faculty, and on written application stating reasons, and accompanied with a fee of \$2.00 for each class.

11th. No candidate will be permitted to proceed with the work of the final year until he has passed all the subjects comprised in the Primary examination.

12th. Candidates who fail to pass in a subject of which two courses are required, may, at the discretion of the Faculty, be required to attend a third course, and furnish a certificate of attendance thereon.

A course in Practical Anatomy will be accepted as equivalent to a third course of lectures in General and Descriptive Anatomy.

13th. The requirements for the summer session, when as at present taken after the third winter session, shall be:—

(a.) Daily Hospital attendance;

(b.) Maternity attendance; and

(c.) Any two weekly clinics in addition to the clinics on General Medicine and Surgery.

14th. Every Candidate for the Degree must, on or before the first day of March, present to the Registrar of the Medical Faculty testimonials of his qualifications, entitling him to an examination, and must at the same time deliver to the Registrar of the Faculty the following Certificate:—

MONTREAL, — 18-

I, the undersigned, being desirous of obtaining the Degree of Doctor of Medicine and Master of Surgery, do hereby declare that I have attained the age of twenty-one years, or (if the case be otherwise), that I shall have attained the age of twenty-one years before the next graduation day, and that I am not (or shall not be at that time) under articles as a pupil or apprentice to any Physician, Surgeon, or Apothecary.

(Signed), A.B.

15th. The trials to be undergone by the Candidate shall be such as are referred to under Section V.

16th. The following Oath or affirmation will be exacted from the Candidate before receiving his degree:—

#### SPONSIO ACADEMICA.

In Facultate Medicinæ Universitatis.

Ego, A—— B——, Doctoratus in Arte Medica, titulo jam donandus, sancto coram Deo cordium scrutatore, spondeo;—me in omnibus grati animi officiis erga hanc Universitatem, ad extremum vita halitum, perseveraturum; tum porro artem medicam caute, caste, et probe exercitaturum; et quoad in me est, omnia ad ægrotorum corporum salutem conducentia, cum fide procuraturum; quæ denique, inter medendum, visa vel audita silere conveniat, non sine gravi causa vulgaturum. Ita præsens mihi spondenti adsit Numen.

17th. The fee for the Degree of Doctor of Medicine and Master of Surgery shall be thirty dollars, to be paid by the successful candidate immediately after examination.

#### V.

#### **EXAMINATIONS.**

Weekly examinations are held to test the progress of the Student; and in addition two or three written examinations are given throughout the Session.

The examinations at the close of each Session are arranged as follows:—

#### First Year.

Pass Examination in BOTANY and HISTOLOGY, and VISCERAL ANATOMY.

Sessional Examination in Anatomy, Chemistry, and Physiology.

A due proportion of marks will be allowed for the Sessional Examination in each subject, which marks shall be reckoned in the ranking of the candidate after the examination of the following year.

#### Second Year.

Pass Examination in Anatomy, Chemistry, Practical Chemistry, Physiology, and Histology.

Sessional Examination in Pharmacology and Therapeutics.

One hundred marks will be allowed for the Sessional Examination, which marks shall be reckoned in the ranking of the candidate after the examination of the following year.

#### Third Year.

Pass Examination in Pharmacology and Therapeutics, Medical Jurisprudence, Hygiene and Pathology.

#### Fourth Year.

Pass Examination in Medicine, Surgery, Obstetrics, Clinical Medicine, Clinical Surgery and Practical Pathology.

By means of the above arrangement a certain definite amount of work must be accomplished in each year, and an equitable division is made between the Primary and Final branches.

In order to pass in any subject it is necessary to make 50 per cent., and to obtain Honours it is necessary to make 75 per cent.

#### VI.

### MEDALS AND PRIZES.

The "Holmes Gold Medal," founded by the Medical Faculty in the year 1865, as a memorial of the late Andrew Holmes, Esq., M.D., LL.D., late Dean of the Faculty of Medicine. It is awarded to the student of the graduating class who receives the highest aggregate number of marks in the different branches comprised in the Medical Curriculum.

The Student who gains the Holmes' Medal has the option of exchanging it for a Bronze Medal, and the money equivalent of the Gold Medal.

2nd. A Prize in Books awarded for the best examination, written and oral, in the Final branches. The gold medallist is not permitted to compete for this prize.

3rd. A Prize in Books awarded for the best examination, written and oral, in the Primary branches.

The "Sutherland Gold Medal," founded in 1878 by the late Mrs. Sutherland in memory of her late husband, Professor William Sutherland, M.D. It is awarded for the best examination in Theoretical and Practical Chemistry, together with creditable examination in the primary branches.

5th. A Prize in Books for the best examination in Practical Anatomy.

6th. Prizes in Botany.

A Prize in Books for the best examination.

The "Clemesha Prize in Clinical Therapeutics," founded in 1889 by John W. Clemesha, M.D., of Port Hope, Ont. It is awarded to the student making the highest marks in a special clinical examination, conducted in the wards of the Montreal General Hospital.

#### VII.

#### FEES.

The total Collegiate fees for all students entering on and after the 1st of October, 1890, will be \$400. This sum is to be paid in four annual instalments of \$100 each. The above sum of \$400 represents the tuition for four winter and one summer session, and if the student elects to attend the two other summer sessions of his course, he may do so without further payment.

For Graduation Fees, see p. 39.

All fees are payable in advance, to the Registrar, and except by permission of the Faculty will not be received later than 1st November.

It is suggested to parents or guardians of students that the fees be transmitted direct by cheque or P. O. Order, to the Registrar, who will furnish official receipts.

#### VIII.

## TEXT BOOKS.

ANATOMY.—Gray, Wilson, Quain (Eng. Ed.).

PRACTICAL ANATOMY.—Heath's Dissector, Holden's Dissector, and Landmark's, Ellis' Demonstrations.

PHYSICS.—Balfour Stewart.

INORGANIC CHEMISTRY.—Millar, Wurtz's Elementary Chemistry.

ORGANIC CHEMISTRY.—Armstrong.

PRACTICAL CHEMISTRY.—Odling.

PHARMACOLOGY and THERAPEUTICS.—Wood, Lauder Brunton, Whitla, and Bruce.

Physiology.—Huxley's *Elementary Lessons*, Foster, Prof. Mills' Text-book of Animal Physiology, Prof. Mills' Outlines of Lectures.

Pathology.—Dealafield & Prudden, Payne.

HISTOLOGY.—Klein's Elements, Schäfer's Essentials of Histology.

SURGERY.—Holmes' Surgery (Eng. Ed.), Erichsen, Druitt, Bryant, Treves.

PRACTICE OF MEDICINE.—Flint, Roberts, Bristowe, DaCosta, Fagge, Quain's Dict.

FOR REFERENCE.—Pepper's System of Medicine.

CLINICAL MEDICINE. — Finlayson's Clinical Manual, Flint on Auscultation and Percussion, and Loomis on Physical Diagnosis.

MEDICAL JURISPRUDENCE.—Husband, Guy and Ferrier, Reese.

MIDWIFERY.—Lusk, Galabin, Playfair.

DISEASES OF CHILDREN.—Smith, Goodhart and Starr.

GYNECOLOGY.—Edis, Goodell's Lessons, Hart and Barbour's Manual, Thorburn, Skeene.

Hygiene.—Parks, Wilson.

BOTANY.—Gray's Text Book of Histology and Physiology.

ZOOLOGY.—Sir William Dawson's Handbook of Canadian Zoology.

#### IX.

#### MUSEUM.

For the past fifty years, the rich Pathological Material furnished by the Montreal General Hospital has been collected here. The Faculty are also greatly indebted to many medical men throughout Canada and different parts of the world for important contributions to the Museum.

During the past few years, numerous and extremely important additions have been made to the Medical Museum.

It is particularly rich in specimens of Aneurisms. In addition to containing a large number of the more common varieties of these formations, there are specimens of such rare conditions as Aneurism of the Hepatic and Superior Mesenteric Arteries, Traumatic Aneurism of the Vertebral, together with several of the cerebral and pulmonary arteries. The most important collection probably in existence of hearts affected with "Malignant Endocarditis" is also found. The Faculty are indebted to Prof. Osler, late of this University, for this collection.

The Museum contains also a very large collection of different forms of calculi. The Faculty are mainly indebted to Prof. Fenwick for this collection.

During the past two years, Mr. Bailly, osteologist and articulator (lately with Tramond of Paris), has been engaged in arranging and mounting the very large number of specimens of disease and injuries of bones which have been accumulating for years. In this collection are to be found examples of fractures and dislocations of the spine, osteoporosis, congenital dislocation of the hip, fracture of the astragalus, multiple exostosis, &c., &c.

## Obstetrical Department of the Museum.

Besides the ordinary pathological preparations, dry and moist, usually found in Museums, this department contains a complete set of models of deformed pelves, a series of preparations in wax, illustrating the normal relations of the pelvic organs, the development of the Uterus and its contents during pregnancy, various abnormalities, twin pregnancy, foetal circulation &c., a series of colored casts of frozen sections, Tarnier's artificial pelvis, Budin's bronze mechanical pelvis, models of obstetrical instruments, &c.

Additions are being constantly made, and ere long the department will possess a complete collection of models, casts, preparations and apparatus for the practical teaching and illustration of Obstetrics.

### Anatomical Museum.

In addition to the already large collection of normal and abnormal osteology, comparative and human, skeletons of various classes of animals, moist preparations and frozen sections, the following preparations have been recently added to the Museum:—

(1) A series of articulated skeletons of fore and hind limbs of the various domestic animals prepared by the articulator Mr. Bailly.

(2) Numerous moist preparations presented by the Professor of Anatomy.

(3) A complete set of Steger's beautiful colored casts taken from the celebrated frozen sections of Professors His and Braune of Leipsig. These preparations have been placed in the Museum so that they can be constantly consulted by the Students.

(4) (a) A complete set of Steger's brain sections.

(b) Set of hardened brains with the various lobes, convolutions, ganglia, &c., in different colors.

(c) Models of the cerebro-spinal and sympathetic nervous systems.

(d) A set of Prof. D. J. Cunningham's beautiful casts of the Brain in situ, showing the relations of convolutions to the skull.

(5) (a) A set of preparations showing the anomaly of vessels entering the kidneys.

(b) A number of rare anomalies of the aorta and its branches.

(c) A series of preparations showing the shoulder girdle in various animals.

X.

#### LIBRARY.

The Library of the Medical Faculty now comprises upwards of thirteen thousand volumes, the largest special library connected with any medical school on this continent.

The valuable library of the late Dr. Robert Palmer Howard has been donated to the Medical Faculty. It consists of several thousand volumes, including a very complete collection of works on Diseases of the Chest.

The standard text-books and works of reference, together with complete files of the leading periodicals, are on the shelves. Students may obtain books on making a deposit of \$5, which is refunded on returning the volumes.

#### XI.

### MCGILL MEDICAL SOCIETY.

This Society, composed of enregistered Students of the Faculty, meets once a week during the Summer Session, and fortnightly during the Winter, for the reading of papers and the discussion of medical subjects.

A reading room has been established in connection with the Society, in which the leading English and American Medical Journals are on file.

The leading daily and weekly newspapers of the Dominion are also kept on file.

#### XII.

## COST OF LIVING, &c.

This will, of course, vary with the tastes and habits of the Student, but the necessary expenses need not exceed those in smaller towns. Good board may be obtained from \$15 to \$20 per month. A list of boarding-houses is prepared annually by the Secretary of the University, and may be procured from the Janitor at the Medical College.

#### XIII.

## LICENSED BOARDING-HOUSES.

1. All Students under 21 years of age, not residing with parents or guardians, shall reside in licensed boarding-houses, unless they

produce written authority from parents or guardians to reside elsewhere.

2. Persons applying for a license to keep boarding-houses shall produce evidence satisfactory to the Principal as to their character and fitness, and the suitability of the house for the health and comfort of the Students. They shall also supply him with a statement of charges.

3. The keeper of every lodging-house shall deposit with the Secretary of the University, on or before September 10th, in every year, a certificate as to the sanitary condition of the house from some competent officer or sanitary engineer recognized by the Principal.

4. A list of boarding-houses licensed under the above regulations shall be kept in the office of the Secretary, and shall be accessible to all members of the University and intending students.

### XIV.

### HOSPITALS.

## Montreal General Hospital.

The Montreal General Hospital is the most extensive clinical field in the Dominion. A much larger number of in-door and out-door patients receive treatment there than in any other Canadian Hospital. Last year's report shows that 2,545 Medical and Surgical cases were treated in the wards, and the great proportion of these were acute cases, as may be gathered from the fact that the average duration of residence was only 23.6 days.

The large number of out-door patients that are treated in the Hospital—averaging from eighty to ninety daily—supply illustrations of most of the diseases of infants and children, of very many of the eye and skin, and of those chronic and ill-defined ailments which, as they do not require admission to the wards of a hospital, would not otherwise come under the observation of the Student.

The large number of patients affected with diseases of the eye and ear, now attending the out-door department, will afford Students ample opportunity to become familiar with all the ordinary affections of those organs, and to make themselves proficient in the use of the ophthalmoscope, and it is hoped that every student will thus seek to

gain a practical knowledge of this important branch of Medicine and Surgery. Operations are performed on the eye by the Ophthalmic Surgeon after the out-door patients have been seen, and Students are invited to attend the same, and, as far as practicable, to keep such cases under observation so long as they remain in the Hospital.

There are now special departments in the Hospital for Gynæ-cology and Laryngology, presided over by Specialists in these branches. Students are thus enabled to acquire special technical knowledge under skilled direction. The plan of teaching practical gynæcology for the past five years with marked success has been the limitation of the number of Students to two or three, who, in rotation, assist at the examinations, and receive instruction in the diagnosis and treatment of uterine diseases and the use of gynæcological instruments.

Recently two additional special clinics have been instituted in connection with the Out-door Department: one for diseases of children and the other for the diseases of the nervous system.

CLINICAL CLERKS in both medical and surgical wards are appointed every three months, and each one during his term of service conducts, under the immediate directions of the Clinical Professors, the reporting of all cases in the ward allotted him. The holding of one of these offices is found to be of the greatest possible advantage to Students, as affording a true *practical* training for his future professional life. They will be awarded on application at the end of each Session to final Students of that year, in order of their standing in the primary examination.

Dressers are also appointed to the Surgical wards and to the Out-door Department. For these appointments, application is to be made to the Professor of Clinical Surgery, and to the Assistant Surgeons.

The Operating Room (used also for a lecture room) is so constructed as to enable the Students to obtain a good view of the operations.

Sessional Tickets entitling students to admission to the Hospital must be taken out at the commencement of each session; price, \$8. Perpetual tickets, if taken out at the beginning of the first session of the Hospital attendance, will cost \$20, if otherwise, *i.e.*, if not paid for until a later date, \$24 will be charged.

### Montreal Dispensary.

ST. ANTOINE STREET.

Over 12,000 patients yearly are treated at this Institution. The cases are of great variety, comprising a large number of pulmonary affections and children's diseases. Minor operations are of daily occurrence, and excellent practice is afforded in the application of splints and bandages. The attending Physicians furnish Students with all possible facilities. The hours of attendance are from 12 to 2 daily during the winter session and from 4 to 6 p.m. during the summer session.

### The Montreal Maternity.

The Faculty have great pleasure in announcing that the Corporation of the Montreal Maternity have recently made very important additions to their building, and have still further improvements in contemplation. Students will therefore have greatly increased facilities for obtaining a practical knowledge of obstetrics. An improved Tarnier-Budin phantom is provided for the use of the students, and every facility afforded for acquiring a practical knowledge of the various obstetric manipulations. The institution is under the direct supervision of the Professor of Midwifery, who devotes much time and attention to individual instruction. Students who have attended one course of lectures are furnished with cases in rotation, which they are required to report and attend till convalescence. Clinical midwifery having been placed upon the same basis as Clinical Medicine and Surgery, and a final Clinical examination instituted, students will find it very much to their advantage to pay special attention to their Clinical work during the Summer Session. Though only six cases are required to qualify for the license of the Ontario and Quebec Medical Boards, twenty cases are demanded by the licensing bodies of Great Britain. A sufficient number of cases will be assigned to students who comtemplate presenting themselves for British qualifications. Two resident accoucheurs are appointed yearly from the graduating class to hold office for a period of six months each. By an arrangement with the authorities of the Montreal General Hospital one of the residents acts as Clinical assistant to the Gynæcologist for a period of six months, a change which has greatly enhanced the value of this appointment.

#### XV.

### STUDENTS' APPOINTMENTS.

General Hospital—Five Resident Medical Officers. Clinical Clerk, Gynæcology.

" Laryngology.

" Diseases of Children.

" Dermatology.

" Diseases of Nervous System.

University Maternity.—Two Resident Medical Officers.

Out-door Dressers.

Dressers in Eye and Ear Department.

Surgical Dressers (In-door).

Medical Clinical Clerks.

Post-mortem Clerks.

Student Demonstrators of Anatomy, 4 third-year Students.

Prosectors to Chair of Anatomy.

Assistants in Practical Histology Course, 2.

Assistants in Practical Physiology Course, 4.

Assistants in Practical Chemistry, 2.

### XVI.

### RULES FOR STUDENTS.

- r. In the case of disorderly conduct, any Student may, at the discretion of the Professor, be required to leave the Class-room. Persistence in any offence against discipline after admonition by the Professor shall be reported to the Dean of the Faculty. The Dean may, at his discretion, reprimand the Student, or refer the matter to the Faculty at its next meeting, and may in the interval suspend from classes.
- 2. Absence from any number of lectures can only be excused by necessity or duty, of which proof must be given, when called for, to the Faculty. The number of times of absence, from necessity or duty, that shall disqualify for the keeping of a Session, shall in each case be determined by the Faculty.
- 3. While in the College, Students are expected to conduct themselves in the same orderly manner as in the Class-room.
- 4. When Students are brought before the Faculty under the above rules, the Faculty may reprimand, impose fines, disqualify from competing for prizes and honors, suspend from Classes, or report to the Corporation for expulsion.

### XVII.

## PAST SESSION.

The total number of students enregistered in the Medical Faculty during the past session was 261, of whom there were, from—

Ontario	71 27 20	Newfoundland British Columbia	7 7 2 2 2
P. E. Island		West Indies	

The following gentlemen have passed their Primary Examination, which comprises the following subjects:—Anatomy, Practical Anatomy, Chemistry, Practical Chemistry, Physiology, Histology and Botany:

Berwick, G. A	Farnham, Que.
Binmore, J. E	Montreal, Que.
Bowen, G. A	Compton, Que.
Boyce, B. F	Norham, Que.
Brown, F. W. A	Brockville, Ont.
Bruce, D. A	Grand View, N.S.
Carmichael, H. B. W	Montreal, Que.
Carlaw, C. M	Warkworth, Ont.
Chabot, J. L	Ottawa, Ont.
Chipman, R. J	Halifax, N.S.
Day, A. R	Guelph, Ont.
Duncan, G. H	Russell, Ont.
Glendinning, R. T	Truemanville, N.S.
Graham, W. C. R	Prescott, Ont.
Grant, H. A	Pembroke, Ont.
Halliday, V	Peterboro', Ont.
Haves. P. J	Montreal, Que.
Henderson, James	Warkworth, Ont.
Hogg, D. H	Stratford, Ont.
Irwin, A. F	Chatham, Ont.
Jameson, Thos	Buffalo, N.Y.
Johnson Albert	Ottawa, Ont.
Lang, F. W	St. Marys, Ont.
Langley, A. F	Victoria, B.C.
Lewin, A. A	St. John, N.B.
Mair, A. W	Clinton, Ont.
Martin, C. F	Montreal ,Que.
Massiah, H. B	Barbadoes, W. I.
Meade, C. J	Morrisburgh, Ont.

Meikle, W. F	Morrisburgh, Ont.
Mackay, D. T	. Clifton, P.E.I.
McKenty, J. E	Richmond, Que.
McKenzie, R. T	
McKinnon, A. I	
McNally, H	
Paterson Lamont	
Phelan, E. D	. Montreal, Que.
Robinson, B. E	.Orillia, Ont.
Rogers, W	
Shirriff, Geo. R	
Sinclair, O. W	
Smith, W. H	
Stewart, J. A	
Taylor, T. T	
Taylor, J. N	
Taplin, M. M	
Wade, A. S	.St. Thomas, Ont.
Walsh, W. E	
Walker, W. G	
Wasson, H. J.	
Yates, H. B	. brantiord, Ont.

The following gentlemen, 56 in number, have fulfilled all the requirements to entitle them to the degree of M.D., C.M. from the University. In addition to the Primary subjects mentioned, they have passed a satisfactory examination, both written and oral, on the following subjects: Principles and Practice of Surgery, Theory and Practice of Medicine, Obstetrics and Diseases of Infancy, Gynæcology, Pharmacology and Therapeutics, Medical Jurisprudence, Pathology and Hygiene, — and Clinical Examinations in Medicine, Surgery, Ophthalmology, Obstetrics and Gynæcology conducted in the wards of the General Hospital and Montreal Maternity:—

Addy, G. A. B	St. John, N.B.
Ault, C. A	
Bissett, C. P	River Bourgeois, N.S.
Bowes, E. J	Ottawa Ont.
Broderick, E. J., B.A	Fredericton, N.B.
Burritt, C. H., B.A	. Mitchell, Ont.
Campbell, J. M	. Longueil, Que.
Clarke, J. W	. Tatamagouche, N.S.
Clune, P. J	. Warkworth, Ont.
Coleman, A. H	. Belleville, Ont.
Corbin, F. G	Bedford, N.S.
Curtis, I. B	. Hartland, N.B.

Ellis, T. H	. Pembrooke, Ont.
Evans, D. J	. Montreal, Q.
Gorrell, A. S	. Brockville, Ont.
Greene, T. J	. Appleton, Ont.
Hamilton, H. D., B.A	. Montreal, Q.
Harris, N. M	Ormstown, Q.
Hayes, John., B.A	. Richmond, Q.
Inksetter, W. E	Copetown, Out.
Irwin, A. F	. Chatham Ont.
Jenkins, W. E	Conquerell NS
Jento, C. P	
Kee, D. N	
Kemp, H. D.	
Leslie, A C.	
Lewin, A. A	
Liddell, G. L	
Morphy, A. G., B.A	
Morris, O	
Mulligan, E. A	
Murray, M. W	
Macdonald, M. S	
McEown F	
McKay, H. H	
McKechnie, R. E	
McKee, G. L	Coaticook, Que.
McLellan, A. C	
McManus, H. D., B.A	
McMillan, G. A	
Noble, C. T	Sutton, Ont.
O'Connor, C	Worcester, Mass.
Oliver, A. J	Cowansville, Q.
Patton, H. M., B.A	Winnipeg, Man.
Reid, J. T	Winnipeg, Man.
Robertson, W	Chesterfield, Ont.
Ross, James	Halifax, N.S.
Ross, H. R	
Smith W. D	
Telfer, W. J	
Thompson, F. E	
White D. De J	
Wilson, W. A	Derby N.B.
Williamson, H. M	
Woodruff, E. H., B.A	St Catharines Ont
Yorston, F. S	
he following have passed in Anatomy:	
erson, N. Girdlestone, C. W.	Jack du Vernet.

Th Ande Phillimore, R. H.

## The following have passed in Chemistry:

Coburn, A. D. Cooper, M. A. Jack, du Vernet. Walsh, T. N.

Girdlestone, C. W. Gunter, F. B. Hume, G. L. Martin, S. H.

Whyte, J. T. Peake, J. P. Thompson, John.

## The following have passed in Practical Chemistry:

Anderson, Norman.
Ault, C. R.
Brousseau, J. A.
Dupuis, D. R.
Ellis, W. L.
Fulton, J. A.
Girdlestone, C. W.

Gunter, F. B. Hume, G. L. King, H. S. Kinghorn, H. M. Lindsay, W. Martin, S. H. McKenzie, R. J.

McLennan, D. A. McLeod, H. S. Peake, J. P. Richards, S. Thompson, John Tremblay, L. Walsh, T. N.

## The following have passed in Physiology:

Akerley, A. W. K. Anderson, N. Coburn, A. D. Jack, du Vernet. Martin, S. H. Outwater, S. W. Peake, J. P. Travers, J. B.
Thompson, John.
Walsh, T. N.

## The following have passed in Hygiene:

Addy, G. A. B.
Ault, C. A.
Beers, A. H.
Bissett, C. P.
Boderick, E. J.
Bowes, E. J.
Burritt, C. H.
Clarke, J. W.
Clune, P. J.
Corbin, F. G.
Curtis, I. B.
Ellis, T. H.
Gorrell, A. G.

Hayes, Joseph.
Irwin, A. F.
Jenkins, W. E.
Jento, C. P.
Kee, D. N.
Lewin, A. A.
Morphy, A. G.
Morris, O.
Mulligan, E. A.
Murray, M. W.
Macdonald, M. S.
McEown, F.
Mackay, H. H.
McKechnie, R. E.

McKee, G. L.
McLellan, A. C.
McManus, H. D.
Noble, C. T.
O'Connor, C.
Patton, H. M.
Reid, J. T.
Ross, Jas.
Ross, H. R.
Smith, W. D.
Telfer, W. J.
Williamson, H. M.
Wilson, W. A.

## The following have passed in Pharmacology and Therapeutics:

Alexander, W. W. Bennie, R. Bowie, R. A. Brouse, J. E. Brown, W. A. Busby, J. Calkin, B. H. Carlaw, C. M.

Hayes, John.

Harrison, J. D. Hattie, W. H. Heweston, J. Holden, D. B. Internoscia, A. Irwin, A. F. Kelly, C. I. Keir, E. J.

McGauran, G. F. McGuire, J. C. McMillan, J. H. MacPhail, J. A. Neill, J. Robertson, E. A. Robertson, T. F. Sinclair, O. W. Clarke, J.
Clemesha, J. C.
Dewar, A.
Farwell, W. A.
Fletcher, R. W.
Fulton, J. A.
Gibson, R. J.
Grafton, E. A.
Hamilton, W. F.

Lambert, E. M.
Love, A.
Lovering, W.
Mader, A. I.
Main, C. G.
Martin, M. McL.
Moore, J. M.
Morrow, W. S.
McCann, A. E. A.
McCrimmon, A. A.

Smith, C. F.
Smith, T. H.
Sparling, A. J.
Spier, J. R.
Tunstall, C. A.
Troy, W.
Waston, N. M.
Webster, R. E.
Williamson, W. P.

## The following have passed in Pathology:

Alexander, W. W. Bennie R. Bowie, R. A. Brown, W. A. Busby, J. Calkin, B. H. Carlaw, C. M. Clarke, J. Clemesha, J. C. Dewar, A. Farwell, W. A. Fletcher, R. W. Gibson, R. J. Grafton, E. A. Hamilton, W. F. Harrison, J. D. Hattie, W. H.

Heweston, J. Holden, D. B. Internoscia, A. Irwin, A. F. Kelly, C. I. Keir, E. J. Lambert, E. M. Love, A. Lovering, W. Mader, A. I. Main, C. G. Martin, M. McL. Moore, J. M. Morrow, W. S. McCann, A. E. A. McCrimmon, A. A. McGuire, J. C.

McMillan, J. H. MacPhail, J. A. Neill, J. Robertson, E. A. Robertson, T. F. Shirriff, G. Sinclair, O. W. Smith, C. F. Smith, T. H. Sparling, A. J. Spier, J. R. Tunstall, C. A. Troy, W. Watson, N. M. Webster, R. E. Williamson, W.P.

## The following have passed in Medical Jurisprudence:

Alexander, W. W. Bennie, R. Bowie, R. A. Brouse, J. E. Brown, W. A. Busby, J. Calkin, B. H. Carlaw, C. M. Clarke, J. Clemesha, J. C. Dewar, A. Farwell, W. A. Fletcher, R. W. Fulton, J. A. Gibson, R. J.

Heweston, J.
Holden, D. B.
Internoscia, A.
Irwin, A. F.
Kelly, C. I.
Keir, E. J.
Lambert, E. M.
Love, A.
Lovering, W.
Mader, A. I.
Main, C. G.
Martin, M. McL.
Moore, J. M.
Morris, O.
Morrow, W. S.

McGuire, J. C.
McMillan, J. H.
MacPhail, J. A.
Neill, J.
Richards, S.
Robertson, E. A.
Robertson, T. F.
Shirriff, G. R.
Sinclair, O. W.
Smith, C. F.
Smith, T. H.
Sparling, A. J.
Spier, J. R.
Tunstall, C. A.
Troy, W.

Grafton, E. A. Hamilton, W. F. Harrison, J. D. Hattie, W. H. Mackay, H. H. McCann, E. A. McCrimmon, A. A. McGauran, G. F. Watson, N. M. Webster, R. E. Williamson, W. P.

#### The following have passed in Histology:

Aylen, E. D. Barrett, H. H. Blunt, H. W. Bostwick, W. E. Brown, J. A. Cameron, J. D. Campbell, Robt. Carrall, R. W. Cooper, M. A. Deeks, W. E. Dewar, G. F. Dewar, A. T. Du Vernet, Ed. Fleming, G. W. Fulton, J. A. Girdlestone. C. W. Goff, H. N. Gunter, F. B.

Haight, Mortimer. Hewetson, S. W. Hume, G. L. Internoscia, A. Jamieson, W. H. Lambly, W. O. Lawrence, J. W. Lewis, J. T. Lindsay, W. Livingstone H. A. Masten, C. H. McKenzie, S. R. McArthur, A. D. McIntyre, J. D. MacKay, R. B. McLennan, D.

McLennan, K.

McMillan, Wallace.

McMorine, R. F.

Ogden, C. L. Patterson, W. Robinson, B. E. Rorke, R. F. Scane, J. W. Semple, E. J. Seguin, J. W. A. Shaw, G. F. Sinclair, O. W. Smith, W. H. Trenholme, G. A. Wade, A. S. Walker, J. L. Walsh, T. N. Wilson, Robt. Wilson, R. D. Yearwood, C. A. Young, W. E.

## The following have passed in Botany:

Anderson, N. Aylen, E. D. Barrett, H. H. Bostwick, W. E. Brown, J. A. Cameron, J. D. Campbell, Robt. Carroll, R. W. Cooper, M. A. Dewar, G. F. Dewar, A. T. Du Vernet, Ed. Esty, A. S. Ferron, F. M. Fleming, G. W. Haight, M. Hewetson, S. W. Jakes, R. W. Jamieson, W. H.

Johnston, A. Lambly, W. O. Lawrence, J. W. Lewis, J. T. Lindsay, Wm. Livingston, H. A. Masten, C. H. Mathieson, R. Mills, W. C. MacArthur, A. D. MacIntyre, J. D. Mackay, R. B. Mackenzie, J. L. McLennan, K. McMillan, Wallace. McMorine, R. F. Parker, G. W. Patterson, Wm. Quirk, E. McG. Read, F. W.

Rodger, D. A. Rooke, R. F. Robinson, H. J. Scammell, J. H. Scane, J. W. Seaton, J. S. Semple, E. J. Seguin, J. W. A. Shaw, Thos. P. Shaw, G. F. Sinclair, O. W. Scott, W. H. Tomkins, J. E. C. Trenholme, G. A. Walker, J. L. Wilson, Robt. Wilson, R. D. Young, W.E. Yearwood, C. A.

## MEDAL, PRIZES AND HONOURS.

THE PRIZE FOR THE BEST EXAMINATION in the Final Branches is divided equally between Edward John Bowes, of Ottawa, Ont., and Michael William Murray, of Beachwood, Ont.

THE CLEMESHA PRIZE in Clinical Therapeutics is awarded to:—
Alfred Henry Coleman, Belleville, Ont.

THE PRIZE FOR THE BEST EXAMINATION in the Primary Branches is divided equally between James Henderson, of Warkworth, Ont., and Thomas Jameson, of Buffalo, N.Y.

THE SUTHERLAND GOLD MEDAL is awarded to :—
Thomas Jameson, Buffalo, N.Y.

The following arranged in order of merit, deserve honorable mention:—

In the Primary Branches.—Chabot, J. L., Day, A. R., Massiah, H. B. W., Martin C. F., Wasson, H. J., Hayes, P. J., Boyce, B. F., Chipman, R. J., Lang, F. W.

In the Final Branches:—Smith, W. D., Inksetter, W. E., Yorston, F. S., Irwin, A. F., Coleman, A. H., Hayes, John, Broderick, E. J., Noble, C. T., Wilson, W. A., Evans, D. J.

Professors' and Demonstrators' prizes:

## SUMMER SESSION.

## 1890.

The Fifteenth Summer Session of the Faculty of Medicine will begin on the 14th of April, and continue twelve weeks.

The attention of all Students of this University is particularly directed to the regulations instituted in 1884, making the third summer session compulsory.

The Classes are chiefly practical and demonstrative, and are designed to supplement and extend the teaching of the regular Winter Session.

In future, the regular University lectures on *Hygiene* will be delivered only during the summer sessions.

Students from other schools are received on the same terms as, and have all the advantages of, regular students.

The special advantages of attendance upon a Summer Session are:—

- (1) The benefit derived from the practical and demonstrative classes.
- (2) Dresserships and Clinical Clerkships are more easily obtained at the Hospitals, and the student has more time at his disposal to follow up the cases.
- (3) Cases of Midwifery are obtained in greater number at the Montreal Maternity.
- (4) Systematic study can be carried on more effectively than at home.
- (5) The regular courses on Hygiene and Practical Chemistry can be attended.

The advantages offered by the City of Montreal for the practical study of Medicine and Surgery are unsurpassed in the Dominion.

In the wards of the General Hospital there is always—and more particularly in the summer months, when navigation is opened—a large collection of interesting medical and surgical cases. In the Outdoor Department there is a daily attendance of between 90 and 100 patients, which affords excellent opportunities for instruction in general medical and surgical practice. In addition, there are

special clinics in the following different departments: 1. Eye and ear; 2. Nose and throat; 3. Diseases of children; 4. Diseases of the nervous system; 5. Diseases of women.

The requirements for the Summer session shall be: (a) Daily Hospital attendance; (b) Maternity attendance and (c) any two weekly Clinics in addition to the Clinics in General Medicine and Surgery.

The Faculty has much pleasure in announcing the following prospectus:—

## I.-CLINICAL INSTRUCTION,

Which will comprise:-

Which were compress.
A.—Bedside Instruction—  Surgery
MEDICINE Drs. Ross and Wilkins.
B.—Weekly Clinics, in the Theatre of the General Hospital, on—
1. General Surgery Shepherd and Bell. 2. General Medicine Drs. Ross and Wilkins. 3. Gynæcology Drs. Gardner & Alloway 4. Diseases of the Eye and Ear Dr. Buller. 5. Diseases of the Nose and Throat Dr. Major. 6. Diseases of Children Dr. Blackader. 7. Venereal Diseases Dr. Bell. 8. Diseases of the Nervous System Dr. Stewart. 9. Diseases of the Skin Dr. Stewart. 10. Orthofædics Dr. Roddick. 11. Infectious Fevers (Fever Wards) Dr. R. L. MacDonnell.
n -Out-Patient Clinics-1. At the General Hospital-
a. General Medicine and Surgery   Medical and Surgical staff. b. *Gynæcology Drs. Gardner & Alloway c. *Diseases of Eye and Ear. Dr. Buller. d. *Diseases of Throat and Nose. Dr. Major. e. Diseases of Children Dr. Blackader. f. Diseases of the Nervous SystemDr. Stewart.
2. At the Montreal Dispensary—
A. MEDICINE
E.—Clinical Instruction in Obstetrics—
At the Montreal Maternity—
1. THE MANAGEMENT OF CASES OF LABOR

<sup>\*</sup> A limited number of students will attend in rotation.

## II.-PRACTICAL CL'ASSES.

		LABBES.
	<ul> <li>Practical Chemistry.—Same as, and may be taken in lieu of, the Winter Course. Fee, \$15.00.</li> <li>Operative Surgery.—A complete course of operations on the cadaver, including Amputations, Excisions, Ligations, &amp;c. The students perform the operations in rotation. Fee, \$5.00.</li> </ul>	Drs. Girdwood & Ruttan.  Dr. Shebherd.
	Obstetrical Presentations and Opera- tions.—A series of practical demonstra- tions on the cadaver or phantom	Dr. Cameron.
	Deformed Pelvis.—A series of demonstra- tions illustrating the influence of de- formity of the Pelvis upon Labor	Dr.[Cameron.
	Clinical Microscopy.—Microscopes, Reagents and Material provided. Fee, \$8.00	Drs. Johnston & Finley.
	operative Ophthalmology. — This will consist in a series of demonstrations on the methods of performing the usual eye operations. Fee, \$2.00	CONTRACTOR OF THE PROPERTY OF
9.	Practical Ophthalmoscopy.—To consist of a series of demonstrations and practical exercises in the use of the Ophthalmoscope	THE STANDARD PORTS
10.	Laryngoscopy and Rhinoscopy. — A course of demonstrations and exercises in the use of the Laryngoscope and Rhinoscope.	Dr. Major.
11.	Electro-Therapeutics.—Students will be practically trained in the method of using the different forms of electricity in the treatment of disease	Dr. Stewart.
12.	Applied Anatomy—Medical and Sur- gical. — Surface-marking, Brain and Spinal Cord, Eye, Ear, Nose, Larynx, Thorax, Abdomen, Genito-Urinary Organs, Surgical Spaces	Drs. Finley and Birkett.
13.	Minor Surgery.—Including Bandaging, Application of Splints, Hæmostatics, Catheterism, Artificial Respiration, &c.	Drs. Bell & Sutherland.
14.	Clinical Chemistry.—A course of twelve demonstrations, designed to familiarise students with the more recent and approved methods of examining chemically, abnormal secretions, morbid products, &c., at the bedside	Dr. Ruttan.

15. Morbid Anatomy.—Consisting of system atic demonstrations upon post-mortem methods and pathological anatomy in the section-room of the General Hospital. Students will make the postmortems in rotation, and receive in-struction in the method of performing them, and keeping record of their observations....

†16. Practical Materia Medica. Fee, \$3.00.... Dr. Stewart.

17. Heredity.—A course of 8—12 lectures on the Laws of Heredity in Health and Dr. Mills.

18. A Practical Course in the qualitative and quantitative estimation of the more important constituents of the urine, and } Dr. Ruttan. the rapid detection of the common poisons. Fee, \$2.00 ....

19. Lectures on Hygiene ..... Dr. Craik.

All students desirous of attending the above courses are expected to register their names with the Registrar, within one week after the beginning of the Session, and to pay a fee of \$25 (which includes registration fee). Enregistration and payment of the fee are compulsory upon all students, whether attending one or more of the classes.

They will also be required at the same time to state what courses they propose attending.

† The fee for this class is not included in the above fee of \$25 for the Summer Session.

Students entering on and after the first of October, 1890, will not be required to pay any fees for the Summer Session.

#### XIX.

## SESSION 1889-90.

#### STUDENTS IN MEDICINE.

Addy, G. A. B., St. John, N.B. Akerly, A. W. K., Fredericton, N.B. Alexander, W. W., Stanhope, P.E.I. Anderson, Norman, Montreal, Q. Ault, C. R., Tilsonburg, Ont. Ault, C. A., Oshkosh, Wis. Aylen, E. D., Aylmer, Q.

Aylen, E. D., Aylmer, Q.

Barrett, H. H., Three Rivers, Q.
Benny, R., Riverfield, Q.
Berwick, R. H., Farnham, Q.
Berwick, G. A., Farnham, Q.
Beers, A. H., Montreal, Q.
Binmore, J. E., Montreal, Q.
Bissett, C. P., River Bourgeois, N.S.
Blunt, H. W., West Bolton, Q.
Bowes, E. J., Ottawa, O.
Bowes, E. J., Ottawa, O.
Bowee, B. F., Norham, O.
Bowen, G. A., Compton, Q.
Bowee, R. A., Brockville, O.
Brouse, J. E., Brockville, O.
Bruce, W. A., Grand View, N.S.
Brown, J. A., Sarnia, O.

Campbell, Robt., Laggan, O.
Carroll, B. W., Stratford, O.
Carroll, B. W., Stratford, O.
Cameron, J. W., L'Original, O.
Cameron, J. W., L'Original, O.
Cammichael, H. B. W., Montreal, Q.
Calkin, B. H., Kentville, N.S.
Carlaw, C. M., Cempbellford, O.
Campbell, John, Longueil, N.S.
Chipman, R. J., Halifax, N.S.
Chabot, J. L., Ottawa, O.
Clark, John, Proy, O.
Clarke, J. W., Tatamagouche, N.S.
Clemesha, J. C., Port Hope, O.
Clune, P. J., Warkworth, O.
Cooper, M. A. Ormstown, Q.
Coburn, A. D., Keswick Bridge, N.S.
Corbin, F. G., Bedford, N.S.
Coleman, A. H., Belleville, O.
Curtis, I. B., Hartland, N.B.

Day, A. R. Guelph, O. Day, S. W., St. Thomas, O. Dewar, G. F., New Peril, P.E.I. Dewar, A. F., Kertch, O. Dewar, A., Ormond, O. Deeks, W. E., B.A. N. Williamsburg, O. DuVernet, E., Gagetown, N.B. Duncan, G. H., Duncanville, O. Dupunis, R., Kingston, O.

Ellis, W. L., St. Johns, N.B. Ellis, T. H., Pembroke, O.

Esty, A. S., Keswick Ridge, N.B. Evans, D. J., Montreal, Q.

Farwell, W. A., Lennoxville, Q. Feron, Frank, Montreal, Q. Fletcher, R. W. Londonderry, N.S. Flemming, G. W., Chipman, N. B. Fraser, M. S., Brandon, Man. Fulton, Cyril, Greenmore, O. Fulton, J. A., Franklin, Q.

Girdlestone, C. P., Winnipeg, Man. Gibson, R. J., Clinton, O. Glendenning, R. T., Trumanville, N.S. Goff, H. N., Newport, P. E. I. Gorrell. A. S., Brockville, O. Graham, W. C. R., Prescott, O. Graham, W. C. R., Prescott, O. Grant, H. A., Pembroke, O. Greene, T. J., Carleton Place, O. Grafton, E. A., Montreal, Q. Gunter, F. B., Fredericton, N.B.

Halliday, V., Peterboro', O.
Hattie, W. H., New Glasgow, N.S.
Hamilton, W. F., Peterboro, O.
Hamilton, W. F., Sackville, N.B.
Hamilton, W. F., Sackville, N.B.
Hamilton, H. D., Montreal, Q.
Harrison, J. W., Fredericton, N.B.
Harrison, J. W., Fredericton, N.B.
Harrison, J. W., Stella, O.
Hayes, Jno., Richmond, Q.
Hayes, Jno., Richmond, Q.
Hayes, Joseph, Nelson, N.B.
Hall, J. M., Franklin, Q.
Haight, Mortimer, New Durham, O.
Hewetson, S. W., Georgetown, O.,
Hewetson, John, Riverside, O.
Henderson, J. G., Warkworth, O.
Hogg, D. H., Winnipeg, Man.
Holden, D. B., Montreal, Q.
Hume, G. N. L., Leeds, O.

Inksetter, W. E., Copetown, O. Internoscia, A., Montreal, Q. Irving, E. Pembroke, O. Irwin, H., Pembroke, O. Irwin, A. F., Chatham, O.

Jack, DuVernet, Fredericton, N.B. Jakes. W., Merrickville, O. Jamieson, W. H., Montreal, Q. Jamieson, Thos., Buffalo, N.Y. Jenkins, W. E., Conquerell Bank, N.S. Jento, C. P. Brockville, O. Johnson, Albert, Ottawa, Ont. Jones, W. A. Clandeboye, O.

Kee, D. N., Fordyce, O.
Keir, E. J., Malpeque, P.E.I.
Kelley, C. I., West Flamborough, O.
Kemp, H. D., Montreal, Q.
King, H. S., Sarnia, O.
Kinghouse, H. M., \_\_\_\_\_, U.S.
Kyle, J. N., North Winchester, O.

Lambert, E. M., Ottawa, O.
Lambley, W. O., Montreal, Q.
Lang, F. W., St. Marys, O.
Langley, A. F., Victoria, B.C.
Lawrence, J. W., Lower Dumfries, N.B.
Lesiie, A. C., Grand Forks, U.S.
Lewin, A. A., St. John, N.B.
Liddell, G. L., Cornwall, O.
Liddell, G. L., Cornwall, O.
Livingstone, H. A., Montreal, Q.
Love, A., New Glasgow, N.S.
Lovering, W. T., Seattle, U.S.

Love, A., New Glasgow, N.S.
Lovering, W.T., Seattle, U.S.

Mackay, R. B., Toronto, O.
Mackay, H. H., Plainfield, N.S.
Mackenzie, A. U. X., Smithfield, O.
MaePhail, J. A., B.A., Montreal, Q.
Mair, A. W., Clinton, O.
Main, C. G., St. Andrews, N.B.
Mader, A. I., New Canada, N.S.
Martin, C. F., B.A., Montreal, Q.
Martin, M. McL., Brown's Creek, P.E.I.
Martin, S. H., Savage Mines, Que.
Matheson, R., Cardigan, O.
Martin, C. H., Lacolle, Q.
Massiah, W. B. H., Barbadoes, W.I.
McArthur, A. D., Kenmore, O.
McCann, E. A. A., Montreal, Q.
McCemmon, A. A. St. Thomas, O.
McConn, F., Lyndoch, O.
McKechnie, R. E., Winnipeg, Man.
McKay, W. T., Clifton, P.E.I.
McKenzie, A. R., Montreal, Q.
McKewer, J. E., Montreal, Q.
McKenty, J. E., Montreal, Q.
McKenty, J. E., Montreal, Q.
McKenty, J. E., Montreal, Q.
McKenzie, R. G., Nichbourne, Q.
McKenzie, R. G., Notheral, Q.
McKenty, J. E., Montreal, Q.
McKenty, J. E., Linkinon, Q.
McIllan, A. C., Indian River, P.E.I.
McLellan, A. C., Indian River, P.E.I.
McMillan, W., Alberry Plains, P.E.I.
McMillan, G. A., St. Agnes, Q.
McMillan, G. A., St. Agnes, Q.
McMillan, G. A., St. Agnes, Q.
McMillan, W. C., Montrisburg, Ont.
Meikle, W. F., Morrisburg, Ont.
Morris, O., Pembroke, O.
Morris, F. X., Fareville, N.B.
Morphy, A. G., B. A., London, O.
Mulligan, E. A., Aylmer, Q.
Nichol, H. J. S., Montreal, Q.

Neil, John, Aylmer, Q. Nichol, H. J. S., Montreal, Q. Noble, C. T., Sutton West, O.

O'Connor, C., Worcester, Mass. Ogden, C. L., Warrensburg, U.S. Oliver, A. J., Lennoxville, Q. Outwater, S. W., Plainfield, O.

Patterson, Wm., New Glasgow. N.S. Paterson, L.. Harbor Grace, Nfld. Patton, H. M., B.A., Montreal, Q. Parke, G. H., Quebec. Q.

Parker, G. W., Cardigan, O. Peake, J. P., Fredericton, N.B. Phelan, E. D., Montreal, Q. Phillimore, R. H., Cookshire, Q.

Quirck, E. M., Montreal, Q.

Read, F. W., Ramsey, Hants, Eng.
Reid, J. T., Montreal, Q.
Richards, S., Ottawa, O.
Robinson, H. J., Brockville, Q.
Robinson, B. E., Orillia, Q.
Robertson, E. A., Lennoxville, Q.
Robertson, W., Chesterfield, O.
Robertson, T. F., Brockville, Q.
Rodgers, W. A., East Settlement, Q.
Rodgers, W. A., East Settlement, Q.
Roake, R. F., St. Thomas, O.
Ross., A. R., Quebec, Q.
Ross, J., Halifax, N.S.

Scane, J. W., Chatham, O.
Scammell, J. H., St. John, N.B.
Scaton, J. S., St. John, N.B.
Scott, W. H., Owen Sound, O.
Scguin, J. W. A., Rigaud, Q.
Semple, E. J., Montreal, Q.
Shaw, Thos. P., Montreal, Q.
Shaw, Thos. P., Montreal, Q.
Sherriff, G. R., Franklin, Q.
Sinclair, O. W., Bridgetown, N.B.
Smith, T. H., North Sidney, C.B.
Smith, W. H., Winnipeg, Man.
Smith, W. D., Plantagenet, O.
Smith, C. F., West Winchester, O.
Smith, A. G., St. Marys, O.
Sparling, A. J., Pembroke, O.
Spier, J. R., Lindsay, O.
Stuart, J. A., Clarenceville, Q.

Taplin, M. M., Addison, O.
Taylor, J. N., Ottawa, O.
Taylor, T. T., Chatham, O.
Telfer, W. J., Burgoyne, O.
Thompson, J., Moulinette, O.
Thompson, F. E., Winnipeg, Man.
Tomkins, J. E. C., Coaticook, Q.
Trenholm, G. A., Coaticook, Q.
Trenholm, A, M., Trenholmville, Q.
Travers, J. B., St. John, N.B.
Troy, W., Valleyfield, O.
Tunstall, C. A., Montreal, Q.

Wade, A. S., Perth, O.
Walsh, T. N., Ormstown, Q.
Walsh, W. E., Ormstown, Q.
Walsh, W. E., Ormstown, Q.
Walker, W. G., Stratford, O.
Walker, J. L., Montreal, Q.
Wasson, M. M., Williamstown, O.
Webster, R. E., Brockville, O.
Westbrook, F. W., Winnipeg, Man.
Whyte, J. T., Montreal, Q.
White, D. D., Montreal, Q.
Wilson, Robt., Montreal, Q.
Wilson, Robt., Montreal, Q.
Wilson, R. D., Derby, N. B.
Wilson, W. A., Derby, N. B.
Wilson, W. A., Derby, N. B.
Williamson, W. P., Chatham, O.
Williamson, H. M., Guelph, O.
Woodruff, E. H., St. Catherines, O.

Yates, H. B., Brantford, Ont. Yearwood, C. A., Barbadoes, W.I. Yorston, F. S., Truro, N.S.

#### XX.

# LIST OF PRIZEMEN AND MEDALLISTS IN THE MEDICAL FACULTY.

In 1855 the examinations were divided into Primary and Final, and prizes were established for the best Thesis and for the best Examination in the Primary and Final branches.

In 1865 the Holmes' Gold Medal was established in honour of Dr. Holmes, and is given for the best examination in both Primary and Final branches.

The following is the List with the present addresses of the recipients:—

- 1854. For General Proficiency.—1st Prize—Robert Craik, Montreal.
  2nd Prize—Thomas Simpson, Montreal.
- 1855. Thesis.—James McG. Stevenson, Bryanston, Ont.

  Final Examination.—James McG. Stevenson, Bryanston, Ont.

  Primary Examinatian.—Walter J. Henry.\*
- 1856. Thesis.—Walter James Henry,\* and W. J. Jones, Prescott, O. Final Examination.—E. Laberge.\*

  Primary Examination.—Hon. Levi R. Church, Montreal, Q.
- 1857. Thesis.—Hon. Levi R. Church, Montreal, and D. T. Robertson, Lennoxville, Q.
  Final Examination.—Hon. Levi R. Church, Montreal, Q.
  Primary Examination.—James Kerr.\*
- 1858. Thesis.—Timothy F. English,\* and W. F. Taylor, Peterboro', O. Final Examination.—Wm. Harkin.\*

  Primary Examination.—Wm. Harkin,\*
- 1859. Thesis.—Edward W. Smith.\*

  Final Examination.—James J. O'Dea, Stapleton, Staten Island,

  New York.

  Primary Examination.—Henry Warren.\*
- 1860. Thesis.—J. W. Pickup.\*

  Final Examination.—Henry Warren.\*

  Primary Examination.—Joseph M. Drake,\* and Fred. Sutherland.\*

- 1861. Thesis.—Joseph M. Drake,\* F. J. Austin, Sherbrooke, Q., and D. L. Philip, Brantford, O.

  Final Examination.—Joseph M. Drake.\*

  Primary Examination.—Thos. C. Walton, Inspector U.S. Na vy, Annapolis, Md.
- 1862. Thesis.—R. M. Bucke, London, O.

  Final Examination.—John A. Stewart.\*

  Primary Examination.—John J. Marston, U. S. Army.
- 1863. Thesis.—Wm. C. Gustin.\*

  Final Examination.—J. J. Marston, U. S. Army.

  Primary Examination.—R. A. Kennedy, \* and Peter A.

  McDougall, Ottawa, and C. F. Bullen.\*
- 1864. Thesis.—W. W. Squire.\*

  Final Examination.—D. Howard Harrison, Winnipeg.

  Primary Examination.—Kenneth Reid, New York.
- 1865. Holmes' Gold Medal.—E. P. Hurd, Newburyport, Mass.

  Final Examination.—H. L. Vercoe.\*

  Primary Examination.—George Ross, Montreal, and W. Gardner, Montreal.
- 1866. Holmes' Medallist.—George Ross. M.A., Montreal, Q.
  Final Examination.—William Gardner, Montreal, Q.
  Primary Examination.—Clinton W. Kelly, Louisville, Ky.
- 1867. Holmes' Medallist.—Clinton W. Kelly, Louisville, Ky.

  Final Examination.—C. W. Kelly, Louisville, Ky.

  Primary Examination.—Wm. Henry Patterson.
- 1868. Holmes' Medallist.—T. G. Roddick, Montreal, Q.

  Final Examination.—T. G. Roddick, Montreal, Q.

  Primary Examination.—Andrew Harkness, Lancaster, O.
- 1869. Holmes' Medallist.—T. D. Lucas.\*

  Final Examination.—Andrew Harkness, Lancaster, O.

  Primary Examination.—Alexander A. Henderson, Ottawa, O.
- 1870. Holmes' Medallist.—A. A. Henderson, Ottawa, O. Final Examination.—O. H. E. Clarke, Chicago. Primary Examination.—J. H. Mathieson, St. Mary's, O.
- 1871. Holmes' Medallist.—J. H. Mathieson, St. Mary's, O. Final Examination.—H. P. Wright, Ottawa, O. Primary Examination.—Thomas Kelly, Omaha.
- 1872. Holmes' Medallist.—Hamilton Allan, Tacoma, W. T.

  Final Examination.—G. A. Starke, Milwaukee.

  Primary Examination.—F. J. Shepherd, Montreal.

  Special Prize for Thesis.—W. Osler, Baltimore, Md.

- 1873. Holmes' Medallist.—Thomas Kelly, Omaha.

  Final Examination.—D. A. Alguire, Cornwall, Ont.

  Primary Examination.—J. D. Cline, B.A.\*
- 1874. Holmes' Medallist.—J. D. Cline, B.A.\*

  Final Examination.—J. C. Cameron, Montreal.

  Primary Examination.—S. J. Tunstall, B.A., Kamloops, B.C.
- 1875. Holmes' Medallist.—S. J. Tunstall, B.A., Kamloops, B.C.

  Final Examination.—J. B. Benson, Chatham, N.B.

  Primary Examination.—C. H. Murray, B.A.\*; R. H. W. Powell,

  Ottawa, Ont.
- 1876. Holmes' Medallist.—Robert H. W. Powell, Ottawa, O.

  Final Examination.—Chas. H. Murray, B.A.\*

  Primary Examination.—Alex. C. Fraser, Manitowoc, Wis.

  Special Prize for Thesis.—R. L. MacDonnell, B.A., Montreal.
- 1877. Holmes' Medallist.—James Bell, Montreal, Q.
  Final Examination.—W. D. Oakley, Streetsville, O.
  Final Examination.—H. N. Vineberg, New York.
- 1878. Holmes' Medallist.—H. N. Vineberg, New York.

  Final Examination.—T. W. Mills, M.A., Montreal.

  Primary Examination.—W. R. Sutherland, Montreal.

  Sutherland Gold Medal.—J. M. Lefebvre, Vancouver, B. C.
- 1879. Holmes' Medallist.—J. B. Lawford, London, Eng.

  Final Examination.—A. W. Imrie, Detroit.

  Primary Examination.—J. A. McDonald, Montreal.

  Sutherland Gold Medal.—W. L. Grey, Pembroke, O.
- 1880. Holmes' Medallist.—J. A. McDonald, Montreal.

  Final Examination.—H. B. Small, Ottawa.

  Primary Examination.—James Ross, B.A., Dundas, O.

  Sutherland Gold Medal.—H. W. Thornton, B.A., New Richmond, Q.
- 1881. Holmes' Medallist.—James Ross, B.A., Dundas, O.
  Final Examination.—John W. Ross, Cohoes, N.Y.
  Primary Examination.—R. J. B. Howard, B.A., London, Eng.
  Sutherland Gold Medal.—C. E. Cameron, Montreal.
- 1882. Holmes' Medallist.—R. J. B. Howard, B.A., London, Eng.

  Final Examination.—Henry V. Ogden, B.A. Milwaukee, Wis.

  Primary Examination.—George A. Graham, Hamilton, O.

  Sutherland Gold Medal.—Wyatt G. Johnston, Montreal, Q.

  Morrice Scholar.—Wyatt G. Johnston, Montreal, Q.

- 1883. Holmes' Medallist.—C. E. Cameron, Montreal.

  Final Examination.—L. B. Loring, Sherbrooke, Q.

  Primary Examination.—Ed. G. Wood, Mitchell, O.

  SUTHERLAND GOLD MEDAL.—R. F. Ruttan, B.A., Montreal, Q.

  MORRICE SCHOLAR.—R. F. Ruttan, B.A., Montreal, Q.
- 1884. Holmes' Medallist.—Wm. A. Ferguson, Bathurst, N.B.

  Final Examination.—James P. McInerney, Kingston, N.B.

  Primary Examination.—Smith Gustin, Bay City, Mich.

  Sutherland Gold Medal.—John Elder, B.A., Huntingdon, Q.
- 1885. Holmes' Medallist.—Edwin G. Wood, Mitchell, O.

  Final Examination.—Smith Gustin, Bay City, Mich.

  Primary Examination.—Ed. J. Evans, La Crosse, Wisc.

  Sutherland Gold Medal.—H. A. Lafleur, Baltimore, Md.
- 1886. Holmes' Medallist.—Herbert S. Birkett, Montreal, Q.
  Final Examination.—Walter W. White, M.A., St. John, N.B.
  Primary Examination.—Walter I. Bradley, Sault St. Marie.
  Sutherland Gold Medal.—Walter I. Bradley, Sault St. Marie.
- 1887. Holmes' Medallist.—Ed. Evans, La Crosse, Wisc.

  Final Examination.—Henri A. Lafleur, B.A., Baltimore, Md.

  Primary Examination.—A. E. Garrow, Ottawa.

  Sutherland Gold Medal.—John Creasor, Toronto, O.
- 1888. Holmes' Medallist.—N. D. Gunna, St. Marys, O.

  Final Examination.—W. G. Stewart, Montreal, Q.

  Primary Examination.—R. E. McKechnie, Winnipeg.

  Sutherland Gold Medal.—C. W. Bissett, River Bourgeois, N S.
- 1889. Holmes' Medallist.—Alex. E. Garrow, Ottawa, O.

  Final Examination.—Hugh McKercher, Point Edward, O.

  Primary Examination.—Wm. Alfred Brown, Chesterville, O.

  Sutherland Gold Medal.—John C. Clemesha, Port Hope, O.
- 1890. Holmes' Medalist.—R. E. McKechnie, Winnipeg, Man-Final Examination.—E. J. Bowes, Ottawa, Ont.; M. W. Murray, Beachwood, Ont. Primary Examination.—James Henderson, Warkworth, Ont.; Thomas Jameson, Buffalo, N.Y. Sutherland Gold Medal.—Thomas Jameson, Buffalo, N.Y. Clembsha Prize—A. H. Coleman, Belleville, Ont.

<sup>\*</sup> Deceased.

# DOCTORS IN MEDICINE.

Aborn, W. H	Gretna Man	1887	
Addison, Jas. T	St. George O	1884	
Addison, Jas. L	St. John's N.B.	1890	
*Adsetts, John	ott oom o, in in the tree to t	1866	
Alexander, Robert A	Grimsby, O	1871	
Alguire, Duncan O	Cornwall O	1873	
Allard, Henry	Belœil Q	1866	
†Allan, Hamilton	Tacoma W.T.	1872	
Allan, J. H. B	Montreal	1885	
Allen C E	Swanton Vt	1883	
Allowey Thomas Johnson	Montreal	1869	
Alloway, Thomas Johnson  *Anderson, John C  Anderson, Alex	212011010111111111111111111111111111111	1865	
Anderson Alex	Med Dent Indian Army	1866	
Archer, Thos	Wadsworth Eng	1869	no
Ardagh, Johnson	Oriflia O	1869	- nu
Armitage, J. H	Waterloo O	1886	
Armstrong, Geo. E	Montreel	1887	10-
*Arnoldi, Daniel (Hon.)	nontreal	1847	0
Arthur, R. H	Chanleau ()	1885	
Atlinean Debent	Chapicau, O	1862	
Atkinson, Robert	Montreal	1855	
Aut, Charles	nontical	1855	
*Ault, James F Ault, Alexander	Ochloch Wie	1860	
Ault, C. A	Oshkosh Wis	1800	
Ault, Edwin D	Aultevilla ()	1868	
Austin, Fred. John	Sharbrooke ()	1862	
Ayer, N., M.A	West River Hebert NS	1880	
Aylen, John	Avlmor	1857	
Aylen, John	Aulman O	1863	
Aylen, James	Colcory NWT	1886	
Aylen, W. W	Aulmon O	1889	
Aylen, W. W	Ayımer, Q	1000	
Backhouse, J. B	Braidwood III	1870	
Baer, D. C	Summerfield Ill	1888	
Bain, D. S. E	Staff Surgeon-Major	1868	
Bain, Hugh U	Prince Albert NWT	1874	
Bain, Hugh U	Riverside Calif	1870	
Baird, James G	Bay City Mich	1885	
Baker, Albert*Barclay, George	Dawlish Devon	1848	
Baker, Albert	Dawlish, Devoli	1870	
*Barnston, James (ad eun.)		1856	
Barrett, Jos. A	Crosco Towa	1884	
Barrett, Jos. A	Port Dover	1861	
Baynes, Geo. Aylmer	Told Dovel, O	1869	
Baynes, Geo. Aylmer	London Eng	1876	
Baynes, Donaid, M.A	Richmond Carl Co O	1862	
Beatty, D*Beaudette, Alfred	residentia, Cari. Co., O	1865	
Beaudry, Louis B	St Cagira O	1871	
Beaudry, Louis B	Lishon Centre St. L. Co. N.Y.	1878	
*Bell, John, M.A	Libbon Contro, St. 11. Co., IV. 1.	1865	
*Bell, John, M.A Bell, Robert W	Poterhoro' ()	1872	
†Bell, James	Montreal	1877	
†Bell, James	. Montreal	1011	

Bell, Robert, C.EOttawa	1878
Bell, J. H., B.AMontreal, Q	1888
Belleau, AlfredQuebec	1862
*Bergeron, Joseph	1870
Bergin, DarbyCornwall, O	10/0
Beigin, Darby Cornwan, O	1047
Berry, J. ASeeley's Bay, O	1887
Berry, R. P	1888
Bessey, William E	1863
Bender, Prosper 134 Boylston St., Boston, Mas	s. 1865
Benson, Joseph B Chatham, N.B	1875
*Bibaud, Jean G	1843
†Birkett H S Montreal O	1386
Bissett, C. P St. Peters, N. S	1800
Discharge Al- D D A	1070
Blackader, Alex. D., B.A Montreal	. 18/1
Blackader, E. H. P., B.A Montreal	1887
Blacklock, John J	1851
*Blanchet, J. B	1863
Blair, Robt. C Three Rivers, Q	1865
*Bligh, John W	1865
Bogart, Irvine D Mene, O	1859
Boggs, G. W	1886
*Romborny Coo F	1075
*Bomberry, Geo. E. Columbus, Neb	1001
Bonesteel, S. A Columbus, Neb	1881
Boone, S. W., B.AFredericton, N.B	1887
Booth, J. S Montreal, Q	1889
Boulter, Geo. HStirling, O	1852
Bowes E. J. Ottows O.	1890
Bowser, J. C Kingston, N.B.	1883
*Boyer, Louis	1842
Bowser, J. C. Kingston, N.B.  *Boyer, Louis Boyd, Jay Ispinning, Mich	1887
*Boylan, Andrew A	1957
Poylan, Albort D. Carbonean N.J.	1007
*Para Winian T	18//
Dowman, william E	1860
Bowen, W., B A Knoxville, Tenn	1887
Bower, Silas J Waddington, N.Y	1865
*Bowman, William E.  Bowen, W., B A.  Bower, Silas J.  *Bradley, William  Bradley, W. I., B.A.  *Bradley, W. I., B.A.	1889
Bradley, W. I., B.A Sault Ste. Marie, O	. 1888
Brandon, John Ancaster, O	1867
Breslin, William I46th Regiment	1847-
Brigham, Josiah S Phillipsburg, Q	19/19
Brissette, Henry RLowell, Mass	1070
Bristol Amos S	1011
Bristol, Amos S	. 1850
Broderick, E. J Fredericton, N.B	1890
Brodeur, Alphonse Roxton Falls, Q. Brodie, John Honolulu, S.I. Brooks, Samuel T. St. Johnsbury, Vt.  *Brouse, William H	1863
Brodie, John Honolulu, S.I	. 1877
Brooks, Samuel T St. Johnsbury, Vt	. 1852
*Brouse, William H	. 1847
Brossard J. B. J Laprairie O.	1875
Brossard, J. B. J. Laprairie, Q. Brown, G. A. Montreal, Q.	1889
Brown Peter E	1000
Brown, Peter E	1000
Brown, Harry	. 1873
Brown, J. L	. 1879
Drowne, Thos. L. Melhourne	1881
Brown, Chs. O Broome, Q	. 1882
browne, Arthur A. B.A Montreal ()	1879
Bruneau, AdolpheSorel, Q	. 1853

*Bruneau, Oliver T. (Hon.)	
	1843
*Bruneau, Onésime	1010
Division William C	1851
Bryson, William G	1867
"Ducke, Edward H	1050
Bucke, Richard MauriceLondon, O	1002
*Buckle, John M. C.  Buckley, William P. Prescott, O.  Bull, George J. New York.	1869
Buckley, William P Prescott, O	1870
Bull, George J New York	1869
*Bullen, Charles F	1000
Buller, FrankMontreal	
Duller, Frank Montreal	1879
Burgess, J. AListowell, O	1868
Burch, B. F Walla Walla Wash	Tor 1966
*Burland, John H	161 1000
Durland Will D	1863
Burland, William B Montreal	1872
Burland, William HWilshton, Fla	1875
Burland, Samuel C Chester, Penn	1077
Burland, Benj. W	10//
Durianu, Denj. W	1882
Burritt, C. H Mitchell, Ont	1890
Burrows, Philip P Lindsay, O	1866
Burrows, F. N St. Thomas, Dak	1000
*Drawbar Dala Will'	1889
*Burnham, Robert Wilkins	1869
*Burns, Alfred J	1854
Burritt, Horatio C	1863
Burwach Hy I 1918 Milwaukee ave	Objects 1070
*Dul wash, my. J	., Onicago. 1879
*Butler, George C	1865
Butler, Billa F Stirling, O	1879
*Buxton, John N	1840
Daniel, wolling it.	1043
011 7	
Cahalan, James Wyandotte, Mich	1880
Cameron, James C, Montreal	1874
Cameron, Duncan H. Portland, Ore Cameron, John D. Norway, Mich Cameron, Paul. Alexandria, O	1877
Cameron, Duncan II Norman Mich	1070
Cameron, John D	1879
Cameron. Paul	
	1881
+Cameron, Chas. E Montreal	1881
†Cameron, Chas. E Montreal	1883
†Cameron, Chas. E	
†Cameron, Chas. E. Montreal. Cameron, D. A. Alpena, Mich	
†Cameron, Chas. E. Montreal. Cameron, D. A. Alpena, Mich	
†Cameron, Chas. E. Montreal. Cameron, D. A. Alpena, Mich. Cameron, K., B.A. Montreal. Cameron, J. Lancaster. *Campbell, G. W. M.M. (ad eun.)	
†Cameron, Chas. E. Montreal. Cameron, D. A. Alpena, Mich. Cameron, K., B.A. Montreal. Cameron, J. Lancaster. *Campbell, G. W. M.M. (ad eun.)	
†Cameron, Chas. E. Montreal. Cameron, D. A. Alpena, Mich. Cameron, K., B.A Montreal. Cameron, J. Lancaster. *Campbell, G. W., M.M., (ad eun.)	
†Cameron, Chas. E. Montreal. Cameron, D. A. Alpena, Mich. Cameron, K., B.A. Montreal. Cameron, J. J. Lancaster. *Campbell, G. W., M.M., (ad eun.) *Campbell, Donald Peter. Campbell, G. G. B.Sc. Montreal, O.	
†Cameron, Chas. E. Montreal. Cameron, D. A. Alpena, Mich. Cameron, K., B.A. Montreal. Cameron, J. Lancaster  *Campbell, G. W., M.M., (ad eun.)  *Campbell, Donald Peter Campbell, G. G., B.Sc. Montreal, Q. Campbell A. W. Montreal, Q. Campbell A. W. Montreal, Q.	1883 1885 1887 1888 1843 1860 1860 1889
†Cameron, Chas. E. Montreal. Cameron, D. A. Alpena, Mich. Cameron, K., B.A. Montreal. Cameron, J. Lancaster  *Campbell, G. W., M.M., (ad eun.)  *Campbell, Donald Peter. Campbell, G. G., B.Sc. Montreal, Q. Campbell, A. W. Montreal, Q. Campbell, Francis Wayland Montreal.	
†Cameron, Chas. E. Montreal. Cameron, D. A. Alpena, Mich. Cameron, K., B.A. Montreal. Cameron, J. Lancaster  *Campbell, G. W., M.M., (ad eun.)  *Campbell, Donald Peter. Campbell, G. G., B.Sc. Montreal, Q. Campbell, A. W. Montreal, Q. Campbell, Francis Wayland Montreal.	
†Cameron, Chas. E. Montreal. Cameron, D. A. Alpena, Mich. Cameron, K., B.A. Montreal. Cameron, J. Lancaster  *Campbell, G. W., M.M., (ad eun.)  *Campbell, Donald Peter. Campbell, G. G., B.Sc. Montreal, Q. Campbell, A. W. Montreal, Q. Campbell, Francis Wayland Montreal.	
†Cameron, Chas. E. Montreal. Cameron, D. A. Alpena, Mich. Cameron, K., B.A. Montreal. Cameron, J. Lancaster. *Campbell, G. W., M.M., (ad eun.) *Campbell, Donald Peter. Campbell, G. G., B.Sc. Montreal, Q. Campbell, A. W. Montreal, Q. Campbell, Francis Wayland Montreal. *Campbell, Samuel.  *Campbell John. Seaforth O.	1883 1885 1887 1888 1843 1860 1889 1886 1860
†Cameron, Chas. E. Montreal. Cameron, D. A. Alpena, Mich. Cameron, K., B.A. Montreal. Cameron, J. Lancaster. *Campbell, G. W., M.M., (ad eun.) *Campbell, Donald Peter. Campbell, G. G., B.Sc. Montreal, Q. Campbell, A. W. Montreal, Q. Campbell, Francis Wayland Montreal. *Campbell, Samuel.  *Campbell John. Seaforth O.	1883 1885 1887 1888 1843 1860 1889 1886 1860
†Cameron, Chas. E. Montreal. Cameron, D. A. Alpena, Mich. Cameron, K., B.A. Montreal. Cameron, J. Lancaster  *Campbell, G. W., M.M., (ad eun.)  *Campbell, Donald Peter. Campbell, G. G., B.Sc. Montreal, Q. Campbell, A. W. Montreal, Q. Campbell, Francis Wayland Montreal.  *Campbell, Samuel. Campbell, John Seaforth, O.  *Campbell, J. M. Bay City, Mich.	1883 1885 1887 1888 1843 1860 1889 1866 1866 1869
†Cameron, Chas. E. Montreal. Cameron, D. A. Alpena, Mich. Cameron, K., B.A. Montreal. Cameron, J. Lancaster  *Campbell, G. W., M.M., (ad eun.)  *Campbell, Donald Peter. Campbell, G. G., B.Sc. Montreal, Q. Campbell, A. W. Montreal, Q. Campbell, Francis Wayland Montreal.  *Campbell, Samuel. Campbell, John Seaforth, O.  *Campbell, J. M. Bay City, Mich.	1883 1885 1887 1888 1843 1860 1889 1866 1866 1869
†Cameron, Chas. E. Montreal. Cameron, D. A. Alpena, Mich. Cameron, K., B.A Montreal. Cameron, J. Lancaster  *Campbell, G. W., M.M., (ad eun.)  *Campbell, Donald Peter. Campbell, G. G., B.Sc. Montreal, Q. Campbell, A. Montreal, Q. Campbell, Francis Wayland Montreal.  *Campbell, Samuel. Campbell, John Seaforth, O  *Campbell, J. M. Bay City, Mich. Campbell, J. M. Bay City, Mich. Campbell Lorne Montreal, Q.	1883 1885 1887 1888 1888 1843 1860 1889 1886 1860 1860 1869 1868
†Cameron, Chas. E. Montreal. Cameron, D. A. Alpena, Mich. Cameron, K., B.A Montreal. Cameron, J. Lancaster  *Campbell, G. W., M.M., (ad eun.)  *Campbell, Donald Peter. Campbell, G. G., B.Sc Montreal, Q. Campbell, A. Montreal, Q. Campbell, Francis Wayland Montreal.  *Campbell, John Seaforth, O.  *Campbell, J. M. Bay City, Mich. Campbell, J. orne. Montreal, Q. Campbell, J. orne. Montreal, Q. Campbell, J. M. Bay City, Mich. Campbell, J. orne. Montreal, Q. Cannon, Gilbert. Almonte, O.	1883 1885 1887 1888 1843 1860 1889 1886 1860 1866 1869 1876
†Cameron, Chas. E. Montreal. Cameron, D. A. Alpena, Mich. Cameron, K., B.A Montreal. Cameron, J. Lancaster  *Campbell, G. W., M.M., (ad eun.)  *Campbell, Donald Peter. Campbell, G. G., B.Sc Montreal, Q. Campbell, A. Montreal, Q. Campbell, Francis Wayland Montreal.  *Campbell, John Seaforth, O.  *Campbell, J. Bay City, Mich. Campbell, J. Montreal, Q. Cannon, Gilbert Montreal, Q. Carmichael, D. A. Mar. Hosp. Ser., Cai	1883 1885 1887 1887 1888 1843 1860 1889 1886 1866 1869 1876 1890 1882
†Cameron, Chas. E. Montreal. Cameron, D. A. Alpena, Mich. Cameron, K., B.A Montreal. Cameron, J. Lancaster.  *Campbell, G. W., M.M., (ad eun.)  *Campbell, Donald Peter. Campbell, Donald Peter. Campbell, A. W Montreal, Q. Campbell, Francis Wayland. Montreal.  *Campbell, Samuel. Campbell, John Seaforth, O.  *Campbell, J. M. Bay City, Mich. Campbell, J. M. Bay City, Mich. Campbell, Lorne. Montreal, Q. Cannon, Gilbert. Almonte, O. Carrichael, D. A. Carry Angur D. L. (ad eun.)	1883 1885 1887 1888 1888 1843 1860 1889 1886 1860 1869 1889 1887 1877 1873
†Cameron, Chas. E. Montreal. Cameron, D. A. Alpena, Mich. Cameron, K., B.A Montreal. Cameron, J. Lancaster  *Campbell, G. W., M.M., (ad eun.)  *Campbell, Donald Peter. Campbell, G. G., B.Sc. Montreal, Q. Campbell, A. Montreal, Q. Campbell, Francis Wayland Montreal.  *Campbell, Samuel Campbell, John Seaforth, O.  *Campbell, J. Bay City, Mich. Campbell, J. Montreal, Q. Cannon, Gilbert Almonte, O. Carmichael, D. A. Mar. Hosp. Ser., Cai	1883 1885 1887 1888 1843 1860 1889 1886 1860 1866 1869 1876 1877 ro, Ill. 1873
†Cameron, Chas. E. Montreal. Cameron, D. A. Alpena, Mich. Cameron, K., B.A Montreal. Cameron, J. Lancaster  *Campbell, G. W., M.M., (ad eun.)  *Campbell, Donald Peter. Campbell, G. G., B.Sc. Montreal, Q. Campbell, A. Montreal, Q. Campbell, Francis Wayland Montreal.  *Campbell, Samuel Campbell, John Seaforth, O.  *Campbell, J. Bay City, Mich. Campbell, J. Montreal, Q. Cannon, Gilbert Almonte, O. Carmichael, D. A. Mar. Hosp. Ser., Cai	1883 1885 1887 1888 1843 1860 1889 1886 1860 1866 1869 1876 1877 ro, Ill. 1873
†Cameron, Chas. E. Montreal. Cameron, D. A. Alpena, Mich. Cameron, K., B.A Montreal. Cameron, J. Lancaster  *Campbell, G. W., M.M., (ad eun.)  *Campbell, Donald Peter. Campbell, G. G., B.Sc. Montreal, Q. Campbell, A. Montreal, Q. Campbell, Francis Wayland Montreal.  *Campbell, Samuel Campbell, John Seaforth, O.  *Campbell, J. Bay City, Mich. Campbell, J. Montreal, Q. Cannon, Gilbert Almonte, O. Carmichael, D. A. Mar. Hosp. Ser., Cai	1883 1885 1887 1888 1843 1860 1889 1886 1860 1866 1869 1876 1877 ro, Ill. 1873
†Cameron, Chas. E. Montreal. Cameron, D. A. Alpena, Mich. Cameron, K., B.A Montreal. Cameron, J. Lancaster  *Campbell, G. W., M.M., (ad eun.)  *Campbell, Donald Peter. Campbell, G. G., B.Sc. Montreal, Q. Campbell, A. Montreal, Q. Campbell, Francis Wayland Montreal.  *Campbell, Samuel Campbell, John Seaforth, O.  *Campbell, J. Bay City, Mich. Campbell, J. Montreal, Q. Cannon, Gilbert Almonte, O. Carmichael, D. A. Mar. Hosp. Ser., Cai	1883 1885 1887 1888 1843 1860 1889 1886 1860 1866 1869 1876 1877 ro, Ill. 1873
†Cameron, Chas. E. Montreal. Cameron, D. A. Alpena, Mich. Cameron, K., B.A Montreal. Cameron, J. Lancaster.  *Campbell, G. W., M.M., (ad eun.)  *Campbell, Donald Peter. Campbell, Donald Peter. Campbell, A. W Montreal, Q. Campbell, Francis Wayland Montreal.  *Campbell, Samuel. Campbell, John Seaforth, O.  *Campbell, J. M. Bay City, Mich. Campbell, J. M. Bay City, Mich. Campbell, J. M. Montreal, Q. Campbell, J. M. Bay City, Mich. Campbell, J. M. Montreal, Q. Carmichael, D. A. Mar. Hosp. Ser., Cai. Carran, Philip E. Detroit, Mich. Cassidy, David M. M. S. Co. Asy. Lanca. Cassidy, George A. Goldstone, O. Cassidy, John F. Goderich, O.	1883 1885 1887 1888 1888 1843 1860 1886 1860 1866 1869 1876 1877 1877 1873 1864 1879 1882 1879 1879
†Cameron, Chas. E. Montreal. Cameron, D. A. Alpena, Mich. Cameron, K., B.A Montreal. Cameron, J. Lancaster. *Campbell, G. W., M.M., (ad eun.) *Campbell, Donald Peter. Campbell, Prancis Wayland. *Campbell, Francis Wayland. *Campbell, Samuel. Campbell, John Seaforth, O. *Campbell, J. M. Bay City, Mich. Campbell, J. M. Montreal, Q. Cannon, Gilbert. Almonte, O. Carmichael, D. A. Mar. Hosp. Ser., Cai. Carey, Augur, D.L. (ad eun.) Carman, Philip E. Detroit, Mich. Cassidy, David M. M. S. Co. Asy. Lanca. Cassidy, John F. Goldstone, O. Cassidy, John F. Goderich, O.	1883 1885 1887 1888 1843 1860 1889 1886 1866 1869 1889 1882 1877 ro, Ill. 1873 1864 1879 ster, Eng. 1867 1885
†Cameron, Chas. E. Montreal. Cameron, D. A. Alpena, Mich. Cameron, K., B.A Montreal. Cameron, J. Lancaster. *Campbell, G. W., M.M., (ad eun.) *Campbell, Donald Peter. Campbell, Prancis Wayland. *Campbell, Francis Wayland. *Campbell, Samuel. Campbell, John Seaforth, O. *Campbell, J. M. Bay City, Mich. Campbell, J. M. Montreal, Q. Cannon, Gilbert. Almonte, O. Carmichael, D. A. Mar. Hosp. Ser., Cai. Carey, Augur, D.L. (ad eun.) Carman, Philip E. Detroit, Mich. Cassidy, David M. M. S. Co. Asy. Lanca. Cassidy, John F. Goldstone, O. Cassidy, John F. Goderich, O.	1883 1885 1887 1888 1843 1860 1889 1886 1866 1869 1889 1882 1877 ro, Ill. 1873 1864 1879 ster, Eng. 1867 1885
†Cameron, Chas. E. Montreal. Cameron, D. A. Alpena, Mich. Cameron, K., B.A Montreal. Cameron, J. Lancaster  *Campbell, G. W., M.M., (ad eun.)  *Campbell, Donald Peter. Campbell, G. G., B.Sc. Montreal, Q. Campbell, A. W. Montreal, Q. Campbell, Francis Wayland Montreal.  *Campbell, Samuel Campbell, John Seaforth, O.  *Campbell, J. M. Bay City, Mich. Campbell, J. M. Montreal, Q. Cannon, Gilbert. Almonte, O. Carmichael, D. A. Mar. Hosp. Ser., Cai. Carey, Augur, D.L. (ad eun.) Carman, Philip E. Detroit, Mich. Cassidy, David M. M. S. Co. Asy. Lanca. Cassidy, George A. Goldstone, O. Cassidy, John F. Goderich, O.  **Carroll, Robert W. W.	1883 1885 1887 1888 1843 1860 1889 1866 1866 1866 1876 1877 ro, Ill. 1873 1864 1879 ster, Eng. 1867 1885
†Cameron, Chas. E. Montreal. Cameron, D. A. Alpena, Mich. Cameron, K., B.A Montreal. Cameron, J. Lancaster  *Campbell, G. W., M.M., (ad eun.)  *Campbell, Donald Peter. Campbell, G. G., B.Sc. Montreal, Q. Campbell, Francis Wayland Montreal, Q. Campbell, Francis Wayland Montreal.  *Campbell, John Seaforth, O.  *Campbell, John Bay City, Mich. Campbell, J. M. Bay City, Mich. Cannon, Gilbert Almonte, O. Carmichael, D. A. Mar. Hosp. Ser., Cai Carey, Augur, D.L. (ad eun.) Carman, Philip E. Detroit, Mich. Cassidy, David M. M. S. Co. Asy. Lanca Cassidy, John F. Goderich, O.  *Carroll, Robert W. W. Carruthers, Geo. Carson, J. H. Lake Park, Minn.	1883 1885 1887 1888 1843 1860 1889 1886 1866 1866 1869 1879 1882 1877 ro, Ill. 1873 1864 1879 ster, Eng. 1867 1885 1865 1885
†Cameron, Chas. E. Montreal. Cameron, D. A. Alpena, Mich. Cameron, K., B.A Montreal. Cameron, J. Lancaster  *Campbell, G. W., M.M., (ad eun.)  *Campbell, Donald Peter. Campbell, G. G., B.Sc. Montreal, Q. Campbell, A. W. Montreal, Q. Campbell, Francis Wayland Montreal.  *Campbell, Samuel Campbell, John Seaforth, O.  *Campbell, J. M. Bay City, Mich. Campbell, J. M. Montreal, Q. Cannon, Gilbert. Almonte, O. Carmichael, D. A. Mar. Hosp. Ser., Cai. Carey, Augur, D.L. (ad eun.) Carman, Philip E. Detroit, Mich. Cassidy, David M. M. S. Co. Asy. Lanca. Cassidy, George A. Goldstone, O. Cassidy, John F. Goderich, O.  **Carroll, Robert W. W.	1883 1885 1887 1888 1843 1860 1889 1886 1866 1866 1869 1879 1882 1877 ro, Ill. 1873 1864 1879 ster, Eng. 1867 1885 1865 1885

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Carter, Samuel A Meadow Vale, O	1859
Carter, L. H	1888
Carter, L. H	1070
Case, W. Hermanus Hamilton, O	1019
Casgrain, Chas. E., Hon	1851
Castleman A T E. Williamsburg, O	1888
Cattanach, Andrew J Denver, Col	1871
Cattanach, Andrew J	1000
Cattanach, A. MOscoda, Mich	1002
	I886
Champon V G B Fall River, Mass	1861
OL I WOOT ()	1888
*Chaimers, W. W., B.A. Hagog, & *Chalmer, Francis Cherry, William *Chesley, George Ashbold *Chesley, George Ashbold *Postford O	1000
*Chaliner, Francis	1849
Cherry, William Toledo, Ohio	1869
*Charley George Ashhold	1862
Chevalier, GustaveBedford, Q	1860
Chevaller, Gustave Bediord, G.	1000
Chevalier, Napoleon E Iberville, Q	1873
Chinman C T H BA ()ttawa ()	1868
*Chisholm, Alex	1878
Chisnoilli, Alexa Nad	1879
Chisholm, Murdoch	1079
Christie Chorge H Lachute, Q	1872
Christie John B Palaluma, Sonora Co., Cal	1865
Christie, ThomasLachute, Q	1848
Christie, Thomas	1075
*Christie, John H., B.A	1875
Christie, W., B.A	1887
Christie Edmund Chicago, Ill	1882
*Church, Charles H	1862
Church, Charles II	1000
Church, Clarence R. Ottawa, O. Church, Coller M. Aylmer, Q.	1868
Church, Coller MAylmer, Q	1855
Church, F. W	1880
Church, Levi R., HonMontreal, Q	1857
Chillen, Levi Iv., Hollins, Warrick, &	1001
Church, Mills K. Merrickville, O. Church, John J. R. 1028 Monroe St., Chicago	1004
Church, John J. R	1884
*Church, Peter H. Clarke, Hy. J. Winnipeg, Man	1846
Clarke Hr. I Winning Man	1881
Clarke, 11y. J	1001
Clarke, Octavius H. E3857 Vincennes ave., Chicago	1870
Clarke, Wallace, B.A Utica, N.Y	1871
Clarke Henry J Pembina Dak	1884
Clarke I W Tetemagouche NS	
	1890
Clarke, J. W	1890
Clarke, J. W. Tatamagouche, N.S. Clarke, Richard A. Oakville, O	1890 1870
Clarke, Richard A. Oakville, O	1890 1870
Clarke, Richard A. Oakville, O. SFordwych Road, Kilburn, London, Eng.	1890 1870
Clarke, Richard A. Oakville, O. SFordwych Road, Kilburn, Clarke, F. G.B. London, Eng. Waterlee, O. Waterlee, O. Clarke, J. L. Waterlee, O. Clarke, Richard A. Oakville, O. Clarke, F. G. B. Clarke, F. G. B. Clarke, T. L. Waterlee, O. Clarke, T. Clark	1890 1870
Clarke, F. G. B	1890 1870 1876 1886
Clarke, F. G. B. (London, Eng. Waterloo, Q. Clarmesha John W. Port, Hone O.	1890 1870 1876 1886 1867
Clarke, F. G. B. (London, Eng. Waterloo, Q. Clemesha, John W. Port Hope, O. Clement, Victor A. St. Guillaume, O	1890 1870 1876 1886 1867 1886
Clarke, F. G. B. (London, Eng. Waterloo, Q. Clemesha, John W. Port Hope, O. Clement, Victor A. St. Guillaume, O	1890 1870 1876 1886 1867 1886
Clarke, F. G. B. London, Eng. Waterloo, Q. Clemesha, John W. Port Hope, O. Clement, Victor A. St. Guillaume, O. *†Cline, John D. B.A.	1890 1870 1876 1886 1867 1886 1874
Clarke, F. G. B. (London, Eng)  Clarke, J. L. Waterloo, Q. Clemesha, John W. Port Hope, O. Clement, Victor A. St. Guillaume, O  *†Cline, John D., B.A. Warkworth, O	1890 1870 1876 1886 1867 1886 1874 1890
Clarke, F. G. B. London, Eng. Clarke, J. L. Waterloo, Q. Clemesha, John W. Port Hope, O. Clement, Victor A. St. Guillaume, O. *†Cline, John D., B.A. Clune, P. J. Warkworth, O. Clouston, J. R. Howick, Q.	1890 1870 1876 1886 1867 1886 1874 1890 1888
Clarke, F. G. B. (London, Eng. Clarke, J. L. Waterloo, Q. Clemesha, John W. Port Hope, O. Clement, Victor A. St. Guillaume, O. *†Cline, John D., B.A. Clune, P. J. Warkworth, O. Clouston, J. R. Howick, Q. Cluness, Daniel Nanaimo B.C.	1890 1870 1876 1886 1867 1886 1874 1890 1888 1870
Clarke, F. G. B. (London, Eng. Clarke, J. L. Waterloo, Q. Clemesha, John W. Port Hope, O. Clement, Victor A. St. Guillaume, O. *†Cline, John D., B.A. Clune, P. J. Warkworth, O. Clouston, J. R. Howick, Q. Cluness, Daniel Nanaimo B.C.	1890 1870 1876 1886 1867 1886 1874 1890 1888 1870
Clarke, F. G. B. (London, Eng. Clarke, J. L. Waterloo, Q. Clemesha, John W. Port Hope, O. Clement, Victor A. St. Guillaume, O. *†Cline, John D., B.A. Clune, P. J. Warkworth, O. Clouston, J. R. Howick, Q. Cluness, Daniel Nanaimo B.C.	1890 1870 1876 1886 1867 1886 1874 1890 1888 1870
Clarke, F. G. B. London, Eng. Clarke, J. L. Waterloo, Q. Clemesha, John W. Port Hope, O. Clement, Victor A. St. Guillaume, O. *†Cline, John D., B.A. Clune, P. J. Warkworth, O. Clouston, J. R. Howick, Q. Cluness, Daniel Nanaimo, B.C. Codd, Alfred. Winnipeg Man. Coleman, A. H. Montreal General Hospital.	1890 1870 1876 1886 1867 1886 1874 1890 1888 1870 1865 1890
Clarke, F. G. B. London, Eng. Clarke, J. L. Waterloo, Q. Clemesha, John W. Port Hope, O. Clement, Victor A. St. Guillaume, O. *†Cline, John D., B.A. Clune, P. J. Warkworth, O. Clouston, J. R. Howick, Q. Cluness, Daniel Nanaimo, B.C. Codd, Alfred. Winnipeg Man. Coleman, A. H. Montreal General Hospital.	1890 1870 1876 1886 1867 1886 1874 1890 1888 1870 1865 1890
Clarke, F. G. B. London, Eng. Clarke, J. L. Waterloo, Q. Clemesha, John W. Port Hope, O. Clement, Victor A. St. Guillaume, O. *†Cline, John D., B.A Clune, P. J. Warkworth, O. Clouston, J. R. Howick, Q. Cluness, Daniel Nanaimo, B.C. Codd, Alfred Winnipeg Man Coleman, A. H. Montreal General Hospital **Collins, Charles W. Collison, R. Norfolk, St. Law. Co., N.Y.	1890 1870 1876 1886 1867 1886 1874 1890 1888 1870 1865 1890 1869 1878
Clarke, F. G. B. London, Eng. Clarke, J. L. Waterloo, Q. Clemesha, John W Port Hope, O Clement, Victor A. St. Guillaume, O *†Cline, John D., B.A Clune, P. J. Warkworth, O Clouston, J. R. Howick, Q. Cluness, Daniel Nanaimo, B.C Codd, Alfred Winnipeg Man Coleman, A. H. Montreal General Hospital. *Collins, Charles W Collison, R. Norfolk, St. Law. Co., N.Y. *Colouboun. George.	1890 1870 1876 1886 1867 1886 1874 1890 1888 1870 1865 1890 1869 1878
Clarke, F. G. B. London, Eng. Clarke, J. L. Waterloo, Q. Clemesha, John W Port Hope, O Clement, Victor A. St. Guillaume, O *†Cline, John D., B.A Clune, P. J. Warkworth, O Clouston, J. R. Howick, Q. Cluness, Daniel Nanaimo, B.C Codd, Alfred Winnipeg Man Coleman, A. H. Montreal General Hospital. *Collins, Charles W Collison, R. Norfolk, St. Law. Co., N.Y. *Colouboun. George.	1890 1870 1876 1886 1867 1886 1874 1890 1888 1870 1865 1890 1878 1876
Clarke, F. G. B. London, Eng. Clarke, J. L. Waterloo, Q. Clemesha, John W Port Hope, O Clement, Victor A. St. Guillaume, O *†Cline, John D., B.A Clune, P. J. Warkworth, O Clouston, J. R. Howick, Q. Cluness, Daniel Nanaimo, B.C Codd, Alfred Winnipeg Man Coleman, A. H. Montreal General Hospital. *Collins, Charles W Collison, R. Norfolk, St. Law. Co., N.Y *Colquhoun, George Comeau, John B. St. David, Q.	1890 1870 1876 1886 1867 1886 1874 1889 1888 1870 1865 1890 1878 1878 1876
Clarke, F. G. B.	1890 1870 1876 1886 1867 1886 1874 1890 1865 1870 1869 1878 1876 1878
Clarke, F. G. B. London, Eng. Clarke, J. L. Waterloo, Q. Clemesha, John W. Port Hope, O. Clement, Victor A. St. Guillaume, O. *†Cline, John D., B.A. Clune, P. J. Warkworth, O. Clouston, J. R. Howick, Q. Cluness, Daniel Nanaimo, B.C. Codd, Alfred Winnipeg Man Coleman, A. H. Montreal General Hospital *Collins, Charles W. Collison, R. Norfolk, St. Law. Co., N.Y. *Colquhoun, George Comeau, John B. St. David, Q. Conroy, C. P. Martintown, O. Cook, Guy R. B.A. Louisville, N.Y.	1890 1870 1876 1886 1867 1886 1874 1890 1868 1870 1869 1878 1876 1876 1876
Clarke, F. G. B. London, Eng. Clarke, J. L. Waterloo, Q. Clemesha, John W. Port Hope, O. Clement, Victor A. St. Guillaume, O. *†Cline, John D., B.A Clune, P. J. Warkworth, O. Clouston, J. R. Howick, Q. Cluness, Daniel Nanaimo, B.C. Codd, Alfred Winnipeg Man Coleman, A. H. Montreal General Hospital. *Collins, Charles W. Collison, R. Norfolk, St. Law. Co., N.Y. *Colquhoun, George Comeau, John B. St. David, Q. Conroy, C. P. Martintown, O. Cook, Guy R., B.A. Louisville, N.Y. Cook, Hermon L. Brighton, O.	1890 1870 1876 1886 1867 1886 1874 1890 1865 1870 1865 1870 1870 1876 1876 1876 1876 1876
Clarke, F. G. B. London, Eng. Clarke, J. L. Waterloo, Q. Clemesha, John W. Port Hope, O. Clement, Victor A. St. Guillaume, O. *†Cline, John D., B.A Clune, P. J. Warkworth, O. Clouston, J. R. Howick, Q. Cluness, Daniel Nanaimo, B.C. Codd, Alfred Winnipeg Man Coleman, A. H. Montreal General Hospital. *Collins, Charles W. Collison, R. Norfolk, St. Law. Co., N.Y. *Colquhoun, George Comeau, John B. St. David, Q. Conroy, C. P. Martintown, O. Cook, Guy R., B.A. Louisville, N.Y. Cook, Hermon L. Brighton, O.	1890 1870 1876 1886 1867 1886 1874 1890 1865 1870 1865 1870 1870 1876 1876 1876 1876 1876
Clarke, F. G. B. London, Eng. Clarke, J. L. Waterloo, Q. Clemesha, John W Port Hope, O Clement, Victor A. St. Guillaume, O *†Cline, John D., B.A Clune, P. J. Warkworth, O Clouston, J. R. Howick, Q. Cluness, Daniel Nanaimo, B.C Codd, Alfred Winnipeg Man Coleman, A. H Montreal General Hospital *Collins, Charles W Collison, R. Norfolk, St. Law. Co., N.Y *Colquhoun, George Comeau, John B St. David, Q. Conroy, C. P Martintown, O Cook, Guy R., B.A Louisville, N.Y Cook, Hermon L Brighton, O Cook, Sheldon E Haldredge, Neb	1890 1870 1876 1886 1867 1886 1870 1888 1870 1865 1870 1870 1870 1878 1876 1876 1878 1876 1888
Clarke, F. G. B. London, Eng. Clarke, J. L. Waterloo, Q. Clemesha, John W. Port Hope, O. Clement, Victor A. St. Guillaume, O. *†Cline, John D., B.A Clune, P. J. Warkworth, O. Clouston, J. R. Howick, Q. Cluness, Daniel Nanaimo, B.C. Codd, Alfred Winnipeg Man Coleman, A. H. Montreal General Hospital. *Collins, Charles W. Collison, R. Norfolk, St. Law. Co., N.Y. *Colquhoun, George Comeau, John B. St. David, Q. Conroy, C. P. Martintown, O. Cook, Guy R., B.A. Louisville, N.Y. Cook, Hermon L. Brighton, O.	1890 1870 1876 1886 1867 1886 1870 1888 1870 1865 1870 1870 1870 1878 1876 1876 1878 1876 1888

0. 1 0 1 -		
Cook, Sydney P	· Hull, Q	1980
Cooke, W. H	Wolfston, Q	1000
Corbett Wm H	Brig. Surg. Army Med. Dept	1854
Corbin F G	Brig. Surg. Army Med. Dept	1854
Cowling Torich	Buenos Ayres, S.A	1890
Corsan, John		1000
Cotton, C. L	Cowansville, Q	18874 18
Cousins, W. C	Ottown O	1000
Cowie A M	······································	1882
*Cowley Thomas Mal		1887
Cowley, Thomas McG		1870
Cowley, D. K	Granby, Q	1880
COX, Frank	Charlottetown PFT	1000
Craig, Thornton	Capay, CalLower Lake, Cal	1876
Craig, M. A	Lower Lake Cal	1996
Cram Daniel C	•••••••••••••••••••••••••••••••••••••••	1004
*Crawford Tamos (ad own)		1872
Crosses T A D A	****** *********** ********	1854
Creasor, J. A., D. A	Spadina ave., Toronto, O	1889
Officially Digitally see see see see see see	a Sonora (a)	1865
Crocker W. C. B.A.	Fredericton N B	7000
Crothers, William	Stanbridge, Q	1876
*Culvers, Joseph B		1848
*Cunninghame, W. C. Thurlow	Stanbridge, Q.	1858
Cutter Frederick A	Sutton, Q Hartland, N.B	1079
Curtis I R	Hartland N.D.	1070
Curus, 1. D	··· Harmand, N.D	1890
D-1- C D D		
Daly, Guy D. F		1868
Daly, Walter S	Ogdensburg, N.Y	1885
*Dansereau, Charles	Ogdensburg, N.Y	1842
Dansereau, Charles		1869
Darey, J. H	Granger, MinnChelsea, Q	1885
Davies, Thomas B	Chelsea. Q	1384
Davignon F. F.	Leadville, Col	1871
Dawson P B A	Montreel	1000
Days Honri	Montreal O	1004
Daze, Henri	Montreal, Q	1880
Dearden, G. A	··· Victoria, D.C	1882
Dease, Peter Warren	D (1.	1847
DeBonald, C. S	Berthier (en haut), Q	1862
DeBoucherville, Charles B	Quebec, Q	1843
*Decelles, Charles D		1841
DeBoucherville, Charles B *Decelles, Charles D DeCow, D. McG	Montreal. Q	1886
DeGroisbois, T. B	Roxton Falls, Q	1868
Delaney, W. J	Peterboro' O	1880
Demorest, B. G. G	Warkworth O	1050
Derby, W. J	Poolsland O	1002
Derby, W. J	Rockiand, O	1882
*Desaulniers, Antoine A Desmond, F. J	N	1803
Desmond, F. J	Newcastle, N.B	1888
Dewar, C. P Dibblee, G. G	Ottawa, O	1888
Dibblee, G. G	Moor's Mills, N.B	1880
*Dice George		1864
*Dick. James R		1842
*Dickinson, James S		1846
*Dickinson, George		1868
Didition, crosses		

- P 1 1 0	1050
Dickson, William WPembroke, O	1853
Dickson, J. A Hemmingford, Q	1887
	1863
*Dodd, John	1864
Doherty, W. W	1885
Donerty, W. W	
Donnelly, C. H Waresville, Texas	1860
*Dorion Savara	1843
*Dorland Enoch G.	1850
Dorland, James Milwaukee, Wis	1875
Dougan, WmSt. Catharines, O	1867
Dougan, wmbt. Catharines, O	
Douglas, James, Hon	1847
Dowling John F Egansville, O	1875
*Drake Joseph M	1861
Dubua Charlemanna Montreal ()	1864
Fibral Charles	1853
Ducket, Stepher	
	1889
Duford Thadee A St. Sebastien. Q	1865
Duhamel Louis	1860
Duncan, Geo Fareham, Hants, Eng  Duncan, Gedeon M Bathurst, N.B.	1866
Duncan Codeon M	1871
Duncan, Gedeon M Dathurst, T.D	
Duncan, George CLondon, Eng	1875
Duncan, James SSurgeon-Major Army	1858
Duncan, James S. Surgeon-Major Army  *Duncan, John Duncan, John A. Victoria, B.C.	1871
Duncan John A Victoria B.C	1884
Duncan, W. TFergus Falls, Minn	1882
Duncan, W. 1	1882
	1843
	1870
	1856
	1000
Easton, John Brockville, O	1882
Easton, John	1887
Easton, John Brockville, O Smith's Falls, O Smith's Falls, O Kansas City, Mo	
Easton, John Brockville, O Smith's Falls, O Smith's Falls, O Kansas City, Mo	1887
Easton, John Brockville, O Easton, C. L. Smith's Falls, O Eberle, Harry A. Kansas City, Mo Eberts, D. W Wellington, B.C.	1887 1876 1885
Easton, John Brockville, O Easton, C. L. Smith's Falls, O Eberle, Harry A. Kansas City, Mo Eberts, D. W Wellington, B.C Edgar, C. J Sherbrooke, Q.	1887 1876 1885 1887
Easton, John Brockville, O Easton, C. L. Smith's Falls, O Eberle, Harry A. Kansas City, Mo Eberts, D. W. Wellington, B.C. Edgar, C. J. Sherbrooke, Q. Edwards, Eliphalet G. Grand Rapids, Mich	1887 1876 1885 1887 1855
Easton, John	1887 1876 1885 1887 1855 1880
Easton, John Brockville, O Easton, C. L. Smith's Falls, O Eberle, Harry A. Kansas City, Mo Eberts, D. W Wellington, B.C Edgar, C. J. Sherbrooke, Q Edwards, Eliphalet G Grand Rapids, Mich Edwards, J. S. London, O Edwards, Oliver C Ottawa, O	1887 1876 1885 1887 1855
Easton, John Brockville, O Easton, C. L. Smith's Falls, O Eberle, Harry A. Kansas City, Mo Eberts, D. W Wellington, B.C Edgar, C. J. Sherbrooke, Q Edwards, Eliphalet G Grand Rapids, Mich Edwards, J. S. London, O Edwards, Oliver C Ottawa, O	1887 1876 1885 1887 1855 1880
Easton, John Brockville, O Easton, C. L. Smith's Falls, O Eberle, Harry A. Kansas City, Mo Eberts, D. W Wellington, B.C Edgar, C. J. Sherbrooke, Q Edwards, Eliphalet G Grand Rapids, Mich Edwards, J. S London, O Edwards, Oliver C Ottawa, O Elder, John B. A Huntingdon, Q	1887 1876 1885 1887 1855 1880 1873 1885
Easton, John Brockville, O Easton, C. L. Smith's Falls, O Eberle, Harry A. Kansas City, Mo Eberts, D. W Wellington, B.C Edgar, C. J. Sherbrooke, Q Edwards, Eliphalet G Grand Rapids, Mich Edwards, J. S London, O Edwards, Oliver C Ottawa, O Elder, John B. A Huntingdon, Q. Elderkin, Edwin J Weymouth Bridge, N.S.	1887 1876 1885 1887 1855 1880 1873 1885 1884
Easton, John Brockville, O Easton, C. L. Smith's Falls, O Eberle, Harry A. Kansas City, Mo Eberts, D. W Wellington, B.C Edgar, C. J. Sherbrooke, Q Edwards, Eliphalet G Grand Rapids, Mich Edwards, J. S. London, O Edwards, Oliver C Ottawa, O Elder, John B. A Huntingdon, Q Elderkin, Edwin J Weymouth Bridge, N.S. Elkinton, A. G. Sur. Maj. Grenadier Guards	1887 1876 1885 1887 1855 1880 1873 1885 1884 1862
Easton, John Brockville, O Easton, C. L. Smith's Falls, O Eberle, Harry A. Kansas City, Mo Eberts, D. W Wellington, B.C Edgar, C. J. Sherbrooke, Q Edwards, Eliphalet G Grand Rapids, Mich Edwards, J. S. London, O Edwards, Oliver C Ottawa, O Elder, John B. A Huntingdon, Q Elderkin, Edwin J Weymouth Bridge, N.S. Elkinton, A. G. Sur. Maj. Grenadier Guards	1887 1876 1885 1887 1855 1880 1873 1885 1884 1862 1873
Easton, John Brockville, O Easton, C. L. Smith's Falls, O Eberle, Harry A. Kansas City, Mo Eberts, D. W Wellington, B.C Edgar, C. J. Sherbrooke, Q Edwards, Eliphalet G Grand Rapids, Mich Edwards, J. S. London, O Edwards, Oliver C Ottawa, O Elder, John B. A Huntingdon, Q Elderkin, Edwin J Weymouth Bridge, N.S Elkinton, A. G Sur. Maj. Grenadier Guards Ellison, S. R. 268 W. 43rd St., New York Ellis, W. E St. Catharines, O	1887 1876 1885 1887 1855 1880 1873 1885 1884 1862
Easton, John Brockville, O Easton, C. L. Smith's Falls, O Eberle, Harry A. Kansas City, Mo Eberts, D. W Wellington, B.C Edgar, C. J. Sherbrooke, Q Edwards, Eliphalet G Grand Rapids, Mich Edwards, J. S. London, O Edwards, Oliver C Ottawa, O Elder, John B. A Huntingdon, Q Elderkin, Edwin J Weymouth Bridge, N.S. Elkinton, A. G Sur. Maj. Grenadier Guards Ellison, S. R. 268 W. 43rd St., New York Ellis, W. E St. Catharines, O Ellis, T. H Pembroke, O	1887 1876 1885 1887 1855 1880 1873 1885 1884 1862 1873 1887 1890
Easton, John Brockville, O Easton, C. L. Smith's Falls, O Eberle, Harry A. Kansas City, Mo Eberts, D. W Wellington, B.C Edgar, C. J. Sherbrooke, Q Edwards, Eliphalet G Grand Rapids, Mich Edwards, J. S. London, O Edwards, Oliver C Ottawa, O Elder, John B. A Huntingdon, Q Elderkin, Edwin J Weymouth Bridge, N.S. Elkinton, A. G Sur. Maj. Grenadier Guards Ellison, S. R. 268 W. 43rd St., New York Ellis, W. E St. Catharines, O Ellis, T. H Pembroke, O	1887 1876 1885 1887 1855 1880 1873 1885 1884 1862 1873 1887 1890
Easton, John Brockville, O Easton, C. L. Smith's Falls, O Eberle, Harry A. Kansas City, Mo Eberts, D. W Wellington, B.C Edgar, C. J. Sherbrooke, Q Edwards, Eliphalet G Grand Rapids, Mich Edwards, J. S. London, O Edwards, Oliver C Ottawa, O Elder, John B. A Huntingdon, Q Elderkin, Edwin J Weymouth Bridge, N.S. Elkinton, A. G Sur. Maj. Grenadier Guards Ellison, S. R. 268 W. 43rd St., New York Ellis, W. E St. Catharines, O Ellis, T. H Pembroke, O	1887 1876 1885 1887 1855 1880 1873 1885 1884 1862 1873 1887 1890
Easton, John Brockville, O Easton, C. L. Smith's Falls, O Eberle, Harry A. Kansas City, Mo Eberts, D. W Wellington, B.C Edgar, C. J. Sherbrooke, Q Edwards, Eliphalet G Grand Rapids, Mich Edwards, J. S London, O Edwards, Oliver C Ottawa, O Elder, John B. A Huntingdon, Q. Elderkin, Edwin J Weymouth Bridge, N.S. Elkinton, A. G Sur. Maj. Grenadier Guards Ellison, S. R. 268 W. 43rd St., New York Ellis, T. H Pembroke, O Emery, Gorden J Minneapolis, Minn England, W. S Winnipeg, Man	1887 1876 1885 1887 1855 1880 1873 1885 1884 1862 1873 1887 1890 1857
Easton, John Brockville, O Easton, C. L. Smith's Falls, O Eberle, Harry A. Kansas City, Mo Eberts, D. W Wellington, B.C Edgar, C. J. Sherbrooke, Q Edwards, Eliphalet G Grand Rapids, Mich Edwards, J. S London, O Edwards, Oliver C Ottawa, O Elder, John B. A Huntingdon, Q Elderkin, Edwin J Weymouth Bridge, N.S Elkinton, A. G Sur. Maj. Grenadier Guards Ellison, S. R. 268 W. 43rd St., New York Ellis, W. E St. Catharines, O Ellis, T. H Pembroke, O Emery, Gorden J Minneapolis, Minn England, W. S Winnipeg, Man *English, T. F	1887 1876 1885 1887 1855 1880 1873 1884 1862 1873 1887 1890 1857 1889 1858
Easton, John Brockville, O Easton, C. L. Smith's Falls, O Eberle, Harry A. Kansas City, Mo Eberts, D. W Wellington, B.C Edgar, C. J. Sherbrooke, Q Edwards, Eliphalet G Grand Rapids, Mich Edwards, J. S. London, O Edwards, Oliver C Ottawa, O Elder, John B. A Huntingdon, Q Elderkin, Edwin J Weymouth Bridge, N.S Elkinton, A. G Sur. Maj. Grenadier Guards Ellison, S. R. 268 W. 43rd St., New York Ellis, W. E St. Catharines, O Ellis, T. H. Pembroke, O Emery, Gorden J Minneapolis, Minn England, W. S Winnipeg, Man *English, T. F *Erskine, John	1887 1876 1885 1887 1855 1880 1873 1884 1862 1873 1887 1890 1857 1889 1858
Easton, John Brockville, O Easton, C. L. Smith's Falls, O Eberle, Harry A. Kansas City, Mo Eberts, D. W Wellington, B.C Edgar, C. J. Sherbrooke, Q Edwards, Eliphalet G Grand Rapids, Mich Edwards, J. S. London, O Edwards, Oliver C Ottawa, O Elder, John B. A Huntingdon, Q Elderkin, Edwin J Weymouth Bridge, N.S Elkinton, A. G Sur. Maj. Grenadier Guards Ellison, S. R. 268 W. 43rd St., New York Ellis, W. E St. Catharines, O Ellis, T. H. Pembroke, O Emery, Gorden J Minneapolis, Minn England, W. S Winnipeg, Man *English, T. F *Erskine, John	1887 1876 1885 1887 1855 1880 1873 1884 1862 1873 1887 1890 1857 1889 1858
Easton, John Brockville, O Easton, C. L. Smith's Falls, O Eberle, Harry A. Kansas City, Mo Eberts, D. W Wellington, B.C Edgar, C. J. Sherbrooke, Q Edwards, Eliphalet G Grand Rapids, Mich Edwards, J. S. London, O Edwards, Oliver C Ottawa, O Elder, John B. A Huntingdon, Q Elderkin, Edwin J Weymouth Bridge, N.S. Elkinton, A. G Sur. Maj. Grenadier Guards Ellison, S. R. 268 W. 43rd St., New York Ellis, W. E. St. Catharines, O Ellis, T. H Pembroke, O Emery, Gorden J Minneapolis, Minn England, W. S Winnipeg, Man *English, T. F *Erskine, John Esson, F. G St. John, N.B	1887 1876 1885 1887 1855 1880 1873 1885 1884 1862 1873 1887 1890 1857 1890 1858
Easton, John Brockville, O Easton, C. L. Smith's Falls, O Eberle, Harry A. Kansas City, Mo Eberts, D. W Wellington, B.C Edgar, C. J. Sherbrooke, Q Edwards, Eliphalet G Grand Rapids, Mich Edwards, J. S. London, O Edwards, Oliver C Ottawa, O Elder, John B. A Huntingdon, Q Elderkin, Edwin J Weymouth Bridge, N.S. Elkinton, A. G Sur. Maj. Grenadier Guards Ellison, S. R. 268 W. 43rd St., New York Ellis, W. E St. Catharines, O Elmery, Gorden J Minneapolis, Minn England, W. S Winnipeg, Man. *English, T. F *Erskine, John Esson, F. G St. John, N.B Ethier, Calixte St. Eugene, O	1887 1876 1885 1885 1885 1880 1873 1885 1884 1862 1873 1887 1890 1857 1889 1858 1860
Easton, John Brockville, O Easton, C. L. Smith's Falls, O Eberle, Harry A. Kansas City, Mo Eberts, D. W Wellington, B.C Edgar, C. J. Sherbrooke, Q Edwards, Eliphalet G Grand Rapids, Mich Edwards, J. S London, O Edwards, Oliver C Ottawa, O Elder, John B. A Huntingdon, Q Elderkin, Edwin J Weymouth Bridge, N.S Elkinton, A. G Sur. Maj. Grenadier Guards Ellison, S. R. 268 W. 43rd St., New York Ellis, W. E St. Catharines, O Ellis, T. H Pembroke, O Emery, Gorden J Minneapolis, Minn England, W. S Winnipeg, Man *English, T. F *Erskine, John Esson, F. G St. John, N.B Ethier, Calixte St. Eugene, Q Evans, Griffith Vet. Dept. Army, Woolwich, E.	1887 1876 1885 1887 1855 1880 1873 1885 1884 1862 1873 1887 1887 1857 1889 1858 1860 1859 1867
Easton, John Brockville, O Easton, C. L. Smith's Falls, O Eberle, Harry A. Kansas City, Mo Eberts, D. W Wellington, B.C Edgar, C. J Sherbrooke, Q Edwards, Eliphalet G Grand Rapids, Mich Edwards, J. S London, O Edwards, Oliver C Ottawa, O Elder, John B. A Huntingdon, Q Elderkin, Edwin J Weymouth Bridge, N.S Elkinton, A. G Sur. Maj. Grenadier Guards Ellison, S. R 268 W. 43rd St., New York Ellis, W. E St. Catharines, O Ellis, T. H Pembroke, O Emery, Gorden J Minneapolis, Minn England, W. S Winnipeg, Man *English, T. F *Erskine, John Esson, F. G St. John, N.B Ethier, Calixte St. Eugene, Q Evans, Griffith Vet. Dept. Army, Woolwich, E.	1887 1876 1885 1887 1855 1880 1873 1885 1884 1862 1873 1887 1890 1857 1889 1858 1860 1889 1867 1889
Easton, John Brockville, O Easton, C. L. Smith's Falls, O Eberle, Harry A. Kansas City, Mo Eberts, D. W Wellington, B.C Edgar, C. J Sherbrooke, Q Edwards, Eliphalet G Grand Rapids, Mich Edwards, J. S London, O Edwards, Oliver C Ottawa, O Elder, John B. A Huntingdon, Q Elderkin, Edwin J Weymouth Bridge, N.S Elkinton, A. G Sur. Maj. Grenadier Guards Ellison, S. R 268 W. 43rd St., New York Ellis, W. E St. Catharines, O Ellis, T. H Pembroke, O Emery, Gorden J Minneapolis, Minn England, W. S Winnipeg, Man *English, T. F *Erskine, John Esson, F. G St. John, N.B Ethier, Calixte St. Eugene, Q Evans, Griffith Vet. Dept. Army, Woolwich, E.	1887 1876 1885 1887 1855 1880 1873 1885 1884 1862 1873 1887 1890 1857 1889 1858 1860 1889 1867 1889
Easton, John Brockville, O Easton, C. L. Smith's Falls, O Eberle, Harry A. Kansas City, Mo Eberts, D. W Wellington, B.C Edgar, C. J Sherbrooke, Q Edwards, Eliphalet G Grand Rapids, Mich Edwards, J. S London, O Edwards, Oliver C Ottawa, O Elder, John B. A Huntingdon, Q Elderkin, Edwin J Weymouth Bridge, N.S Elkinton, A. G Sur. Maj. Grenadier Guards Ellison, S. R 268 W. 43rd St., New York Ellis, W. E St. Catharines, O Ellis, T. H Pembroke, O Emery, Gorden J Minneapolis, Minn England, W. S Winnipeg, Man *English, T. F *Erskine, John Esson, F. G St. John, N.B Ethier, Calixte St. Eugene, Q Evans, Griffith Vet. Dept. Army, Woolwich, E.	1887 1876 1885 1887 1855 1880 1873 1885 1884 1862 1873 1887 1890 1857 1889 1858 1860 1889 1867 1889
Easton, John Brockville, O Easton, C. L. Smith's Falls, O Eberle, Harry A. Kansas City, Mo Eberts, D. W Wellington, B.C Edgar, C. J. Sherbrooke, Q Edwards, Eliphalet G Grand Rapids, Mich Edwards, J. S London, O Edwards, Oliver C Ottawa, O Elder, John B. A Huntingdon, Q Elderkin, Edwin J Weymouth Bridge, N.S Elkinton, A. G Sur. Maj. Grenadier Guards Ellison, S. R. 268 W. 43rd St., New York Ellis, W. E St. Catharines, O Ellis, T. H Pembroke, O Emery, Gorden J Minneapolis, Minn England, W. S Winnipeg, Man *English, T. F *Erskine, John Esson, F. G St. John, N.B Ethier, Calixte St. Eugene, Q Evans, Griffith Vet. Dept. Army, Woolwich, E.	1887 1876 1885 1887 1855 1880 1873 1885 1884 1862 1873 1887 1890 1857 1889 1858 1860 1889 1867 1889
Easton, John Brockville, O Easton, C. L. Smith's Falls, O Eberle, Harry A. Kansas City, Mo Eberts, D. W Wellington, B.C Edgar, C. J. Sherbrooke, Q Edwards, Eliphalet G Grand Rapids, Mich Edwards, J. S. London, O Edwards, Oliver C Ottawa, O Elder, John B. A Huntingdon, Q Elderkin, Edwin J Weymouth Bridge, N.S. Elkinton, A. G Sur. Maj. Grenadier Guards Ellison, S. R. 268 W. 43rd St., New York Ellis, W. E St. Catharines, O Ellis, T. H Pembroke, O Emery, Gorden J Minneapolis, Minn England, W. S Winnipeg, Man. *English, T. F *Erskine, John Esson, F. G St. John, N.B Ethier, Calixte St. Eugene, Q Evans, Griffith Vet. Dept. Army, Woolwich, E. Evans, D. J Montreal Maternity †Evans, E. J Lacrosse, Wis Ewing, William Hawkesbury, O	1887 1876 1885 1887 1855 1880 1873 1885 1862 1873 1887 1897 1857 1898 1867 1864 1890 1887 1873
Easton, John Brockville, O Easton, C. L. Smith's Falls, O Eberle, Harry A. Kansas City, Mo Eberts, D. W Wellington, B.C Edgar, C. J Sherbrooke, Q Edwards, Eliphalet G Grand Rapids, Mich Edwards, J. S London, O Edwards, Oliver C Ottawa, O Elder, John B. A Huntingdon, Q Elderkin, Edwin J Weymouth Bridge, N.S Elkinton, A. G Sur. Maj. Grenadier Guards Ellison, S. R. 268 W. 43rd St., New York Ellis, W. E. St. Catharines, O Ellis, T. H Pembroke, O Emery, Gorden J Minneapolis, Minn England, W. S Winnipeg, Man *English, T. F *Erskine, John Esson, F. G St. John, N.B Ethier, Calixte St. Eugene, Q Evans, Griffith Vet. Dept. Army, Woolwich, E. Evans, D. J Montreal Maternity †Evans, E. J Lacrosse, Wis Ewing, William Hawkesbury, O	1887 1876 1885 1887 1855 1880 1873 1885 1862 1873 1887 1897 1857 1899 1858 1860 1889 1867 1864 1890 1887 1873
Easton, John Brockville, O Easton, C. L. Smith's Falls, O Eberle, Harry A. Kansas City, Mo Eberts, D. W Wellington, B.C Edgar, C. J Sherbrooke, Q Edwards, Eliphalet G Grand Rapids, Mich Edwards, J. S London, O Edwards, Oliver C Ottawa, O Elder, John B. A Huntingdon, Q Elderkin, Edwin J Weymouth Bridge, N.S Elkinton, A. G Sur. Maj. Grenadier Guards Ellison, S. R 268 W. 43rd St., New York Ellis, W. E St. Catharines, O Ellis, T. H Pembroke, O Emery, Gorden J Minneapolis, Minn England, W. S Winnipeg, Man *English, T. F *Erskine, John Esson, F. G St. John, N.B Ethier, Calixte St. Eugene, Q Evans, Griffith Vet. Dept. Army, Woolwich, E. Evans, E. J Lacrosse, Wis Ewing, William Hawkesbury, O Falkner, Alexander Williamstown, O Falks, Samuel K 1049 W. Madison St., Chicago	1887 1876 1885 1887 1855 1880 1873 1885 1862 1873 1887 1890 1857 1889 1858 1860 1889 1867 1873 1873
Easton, John Brockville, O Easton, C. L. Smith's Falls, O Eberle, Harry A. Kansas City, Mo Eberts, D. W Wellington, B.C Edgar, C. J Sherbrooke, Q Edwards, Eliphalet G Grand Rapids, Mich Edwards, J. S London, O Edwards, Oliver C Ottawa, O Elder, John B. A Huntingdon, Q Elderkin, Edwin J Weymouth Bridge, N.S Elkinton, A. G Sur. Maj. Grenadier Guards Ellison, S. R. 268 W. 43rd St., New York Ellis, W. E. St. Catharines, O Ellis, T. H Pembroke, O Emery, Gorden J Minneapolis, Minn England, W. S Winnipeg, Man *English, T. F *Erskine, John Esson, F. G St. John, N.B Ethier, Calixte St. Eugene, Q Evans, Griffith Vet. Dept. Army, Woolwich, E. Evans, D. J Montreal Maternity †Evans, E. J Lacrosse, Wis Ewing, William Hawkesbury, O	1887 1876 1885 1887 1855 1880 1873 1885 1862 1873 1887 1890 1857 1889 1858 1860 1889 1867 1873 1873

Farewell, W. G Oshawa, O 186:
Forder, 7. G
Farley, Jas. T. Snawa, O. 186: Farley, John J. Fremont Centre, Mich. 187'
Farley, John J. Fremont Centre, Mich. 187. Faulkner, George W. Stirling, O. 187. Faulkner, D. W. Foxboro', O. 187. Feader, H. C. 134 S. Halsted St. Chicara III.
Faulkner George W
Faulkner D W Stirling, O 187
Faukher, D. WFoxboro', O
Feader, H. C
Feilde, E. C
Feader, H. C. 134 S. Halsted St., Chicago, Ill. 1887 Feilde, E. C. Prescott, O. 1886 Fenwick, Geo. E. Montreal 1847
*Farmer, Geo. E Montreal 184
*Fergusson, Alex. R Montreal 1847 †Ferguson, Wm. A., B.A Rochester, U. S 1866 Eerguson, W. D. T Cumberley 1884
Trerguson, Wm. A., B.A., Rocheston II C
Eerguson, W. D. T
Fillmore, E. W. Spencer's Island, N.B. 1887 Finley, F. G. Montreel
Figher F. C. Spencer's Island, N.B. 1887
Finley, F. G. Spencer's Island, N.B. 1887 *Finleyson, John Montreal 1885
*Finlayson, John Montreal 1885 Finnie, John T Montreal 1834 *Fisher, John 1869
Finnie, John T 1834
*Fisher John 1869
*Fisher, John
*Fitzgerald, James
Flagg, J. D 195 Eagle St. Pudala N. V.
Flagg, J. D
Fortin Pierro 1873
That, Girls Montreal, Q 1845
Foster, Stephen Sewell
Fraleigh, William SGananogue O.
Fortine, Botts M. Huntingdon, Q. 1873  Fortin, Pierre. Montreal, Q. 1845  *Foster, Stephen Sewell. 1846  Fraleigh, William S. Gananoque, O. 1869  Fraser, H. D. Perth, O. 1881
Fraser, Alex. C
*Fraser, William
Fraser, Donald M Stratford O.
Fraser, Donald M
Fraser, Donald
Fraser, J. R. Lakefield, O. 1878
Fraser, J. MLakefield, O1878 Freeman C. MLakefield, O1887
Eritz H D P A Cape Sable Island, N.S 1871
Fuller, H. LeRoy, B.ASweetsburg, Q1866
1870
Gale, Hugh
*Co. Hugh
Garvey, Joseph
Gardner, H. H San Francisco Cal
Gardner, John J
Gardner Matthew Comment Col 1883
Gardner, MatthewSacramento, Cal1883
Calunci. William (state the William)
†Garrow, A. E
*Gascoigne, Geo. E
Gascoigne, Geo. E
Gaviller, Edwin A Hamilton, O 1873
*Ganvrean Lewis H
Gammill F W
*Gauvreau, Lewis H
*Gibb, George D
Gibson, W. B
Ciber W P Cowansville, Q 1855
Gibson, W. B Burlington, Vt 1878
Cibson, Edward B
Gibson, J. B Eve and Far Information N. N.
Gibson, J. B. Eye and Ear Infirmary, N. Y. 1886
James, John A. F Summerside, P. E. 1 1877
6

	Toosweter 0 1867
Gillies, John	Teeswater, U Col 1868
Gilmour, Angus A	Polk St., San Francisco, Cal. 1868
*Giroux. Philippe	1,60
Girdwood, Gilbert P	Montreal 1869 East Syracuse, N.Y. 1886
Gladman G. J	East Syracuse, N.Y
Glen C W. E	Chambly, Q
Godfrey, Robert	Montreal 1844
Cardboo P I	Runcorn Chester, Eng 1875
*Goodhue, P. J Godforth, Franklin	Runcorn, Chester, Eng 1863
Godforth, Franklin Cha E	St. Philip, Barbadoes, W. 1884  Baie Verte N.B. 1888
Gooding, Chs. E	Baie Verte, N.B
Goodwin, W. W	Aylivin, O
Gordon, Robert	1863
*Gordon, W. W	. Brockville, O
Gorrell, A. S	TI-11 0 1865
Graham, Charles E	Hull, Q
Grant. William	. Perth, O
	St (atharines ()
Creenwood, I. S	Appleton, O
Greene, 1. J.	C. SS. Minia, Halifax, N.S 1876
Greer, 1. A	1863
Grenier, L. I. A	
Groves, George H	Carp, O
Guerin, James J. E	St. Marys, O
Guest, Thomas F	Durham, Co. Gray, O 1861
Gun, James	St Manya O 1888
†Gunne, N. D	St. Marys, O
Gurd, David F	
Gustin, Smith	
*Gustin, Wm. Claud	1863
	Portage la Prairie, Man 1866
Hagarty, D. M. J	
*Hall, Archibald (ad eun.)	
*IIall James B	1000
*Uall T W	
TI-II A C	(hmgtown, ()
Uall W	Walkerton. ()
TI II II TO	Twing N S
Haldimand, A. W	Cavalier, N. Dak
Halliday, James T	Peterboro', O 1865
*Hamilton, Andrew W	1859
Hamilton, Charles S	Demorestville, O 1868 National Metaphity 1890
Hamilton H I) RA	VIONETASI VISLETHILV
Hamilton, John B	Stratford, O
Transition, Committee and Comm	

*Hamilton, Rufus F	
Hamal Joseph A	1861
*Hamer A T	
*Hamer, A. L	1887
Hammond, J. H. Hanna, A. E. Posth, O.	1869
Hanna, A. E. Perth, O. Hanna, Franklin Lansdowne, O. Haentschell, C. W. Bristol, O.	1885
Hanna, Franklin Lansdowne, O	1970
Haentschell, C. W. Bristol, Q. Bristol, Q. Scoforth	1000
Hanover, William. Bristo, Q. Hanvey, C. B. H. Seaforth, O.	1000
Hanvey, C. B. H. Seaforth, O. Harkin, F. McD. Vankleek Hill, Ont. Vankleek Hill, Ont.	10/0
Harkin, F. McDVankleek Hill Ont	1005
Hart, F. W. St. Martinylle, La. W. Harvie, J. B. St. Martinylle, La. W. W. W. St. Martinylle, La. W. W. St. Martinylle, La. W. W. St. Martinylle, La. W.	1885
Harvie, J. B. St. Martinville, La. Harvey, William A. Harviet, Troy, N.Y.	1835
Harvey, William A	1881
*Harding, F. W Harkin, Henry  Harkin, William Harkness, Jno Harkness, Andrew New Lancaster O	1874
Harkin, Henry Liverpool Eng	1868
*Harkin, William	1867
Harkness, Jno Diekingen's C.	1858
Harkness, Andrew New Lancaster, O	1862
Harris, N. M. Ormstown, Q. Harrison, David H. Meniteke,	1869
Harrison David H	1890
Harrison, David H Manitoba	1864
Hart, George C. Prescott, O. Prescott, O.	1879
Hawkins, A. C. Halifax, N. S. Hayes James	1885
Tay thulle, I. J. D. A	1000
Tienderson, Alex. A	OHO
*Henderson, Peter A. M. Henderson, And Merriam Park, Minn	818
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*Henry, Walter J	050
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Hickey, Samuel A., B.A., Aultsville O	866
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Hills Joseph Woonsocket P.I	881
Hingston, W. H. Montreal 1 Hoare, C. W. Detroit, Mich 1	873
Hoere C W Detroit Wiel	851
Hockridge Thos G Lordon English	888
*Holden Rufus	874
Hoare, C. W. Detroit, Mich. 1 Hockridge, Thos. G. London, Eng. 1 *Holden, Rufus. 1 Holwell, John. Old Harbour, Jamaica. 1 *Holmes, Andrew F. (ad eun.) 1 Holmes, A. D. Detroit, Mich. 1  Detroit, Mich. 1 London, Eng. 1	844
*Holmon Andrew E (ed our )	868
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Hopkins, F. A	889
Hopkins, Alfred JCookshire, Q	883
HODKINS, H. J. J. L. L. COOKShire ()	0/10
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Howard, James Lachine, Q	867
*Howard, Robert	279

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*Howard, R. Palmer	
Howard, R. Palmer London, Eng. 1882 Howard, R. J. B., B.A. Winnipeg, Man. 1857	
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Howey, W. H. Toronto, O. Toronto, 1867	
Howitt, Wm. H Huntsville, O 1867	
Howland, Francis LHuntsville, O	
Hubbard, O. H	
Hubert, P. T 1886	
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*Hunt, J. J	
Hunt, Henry Surg. Maj. Army Med. Dept. 1869 Hunt, J. H. Sheffield, Eng. 1871 Hunt, Lewis G., B.A. Newburyport, Mass. 1865	
Hunt, J. H Sheffield, Eng 1871	
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Irvine, James C	
Inksetter, W. E.         Montreal General Hospital           Inksetter, W. E.         Liverpool, Eng.           Irvine, James C.         Watkins, N.Y.           Irvine, R. T.         254 Ontario St., Chicago.           Irwin, J. L.         Pembroke, O.           1889           1889	
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Jackson, Wm. Fred Manchester, N. H 1879	
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Jones, Charles R Ballacton Town 1874	-
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*Jones, Thomas W (ad eul.) 1865	>
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*Jones, Jonathan C. Prescott, O. 1856  Jones, Wm. Justus Wahash ayenue, Chicago 1877	3
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Reeler, Thomas	9
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Relly, Patrick N Rochester, Minn 1882	4
Kelly, Patrick N.       Rochester, Minn       1867         *Kelly, Wm.       1884         †Kelly, Thos.       1017 W. Lake St., Chicago       1875         Kelly, J. A. A.       Omaho, N.h.	6
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Kelly, J. A. A	7
*Kennedy, Richard A. Rockland, O. 1864  Kennedy, R, A., B.A. Rockland, O. 1886	4
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*Kittson, John G	)
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Klock, Robert HBryson, Q1873	
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*Knowles, James A	
*Kollmyer, Alex. H	
Laberge, Ed St. Philomene, Q 1856	
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Landor Thomas H	
Lane John A	
Lang C. L. Kalamazoo Mich	
Lang W A New Richland Minn 1997	
Lafleur, H. A., B.A.	
Lang, M. W	
Langlois, O. X	
*Langrell, Richard T	
Larocque, A. B	
Lathern, J. S	
Laurin, Edgar J	
Law. D. W. C	
Law William K	
Lawford, John B. London, Eng. 1879 *Lawrence, Henry J. H. 1862	
*Lawrence, Henry J. H 1862	
Leavitt, Julius Melbourne, Q 1866	
Leclerc, George Montreal 1851	
*Leclair Napoleon	
*Lee. James C	
*Lee. John Rolph 1849	
Lefebyre, John M Vancouver, B.C 1879	
Legault, E Cornwall, O	

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*Howard, R. Palmer
Howard, B. J. B., B.A London, Eng 1857
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Hower, W. H
Howland, Francis L
Howlth, William Huntsville, U. Huntsville, U. 1888 Howland, Francis L. Gilsam, N.H. 1888 Hubbard, O. H. St. John, Nfld. 1889
Hubbard, O. H Gilsam, N.H 1889 Hubert, P. T St. John, Nfld 1886 Hubert, P. T Strathroy, O 1886
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Hubert. P. T.       St. John, Rud         Hughes, P. H.       Strathroy, O.       1886         Hurlbert, E. Augustus       Brooklyn, N. Y.       1860         Hurlbert, E. Augustus       Leeds, Q.       1875
Hurlbert, E. Augustus Brooklyn, N. 1 1875 Hume, William L Leeds, Q 1881 *Hunt, J. J Toronto, O 1876
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*Hunt, J. J. Toronto, O. 1876 Hunt, Henry. Surg. Maj. Army Med. Dept. 1869
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Hunt, J. H. Surg. Maj. Army Meta 1871 Hunt, Lewis G., B.A. Surg. Maj. Army Meta 1871 Hunt, Lewis G., B.A. Newburyport, Mass 1865
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Hurdman, Benl. F. W. 1885
Hurlburt, George W Mitchell, O 1873
Hurlburt, Richard W 1878
Hutchinson, John A Montreal 1884
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Imrie, A. W 1880
Inksetter, D. G 1890
Inksetter, W. E 1866
Tryine, James C 1885
Tryine, R. I 1879
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*Jackson, A. T
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Jento, C. P 1884
Johnson, C. H Charlottetown P.E.I 1889
Johnson, C. H
Johnson, James B 1867
Johnson, James B
Johnson, J. C. Spring Valley, Minn. I883 Johnson, J. R. Spring Valley, Minn. I887
Johnson, J. R
Johnson, J. W. Gananoque, 1871 Johnson, Thomas G. Sarnia, O. 1884 Montreal 1884
Johnson, Thomas G
Johnston, W. G. Montreal 1874 Jones, Charles R. Hatley, Q. 1874 Raylington, Iowa 1874
Jones, George N
*Jones, Thomas W (ad eun.)
*Jones, Thomas W (ad eun.) 1865 *Jones, Jonathan C Prescott. O 1856
Jones, Wm. Justus Websch evenue Chicago 1879
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Kearney, W. J Mariposa, California 1875

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Keefer, Wm. N., B.A	10
Keefer, Wm. N., B.A Army, Guelph O	20
*Keeler, Thomas	9
†Kelly, Clinton Wayne Louisville Ky	9
*Keeler, Thomas       (Army, Guelph, O. 186         †Kelly, Clinton Wayne       Louisville, Ky 186         Kelly, Patrick N. Rochester, Minn 188       *Kelly, Wm 184         *Kelly, Thos. 1017 W. Lake St., Chicago 187         Kelly, J. A. A. Omaha Nah	16
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Kemp, H. D	0
*Kennedy, Richard A	4
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King, Richard Peterboro, O 1867 Kinloch, J. A Montreal, Q 1880	7
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*Kittson. John G.	5
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*Knowles, James A	)
*Kollmyon Alox H	5
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Laberge, Ed St. Philomene, Q 1856	3
Lafferty, A. M	7
Johns Hopkins Hospital,	
Lafleur, H. A., B.A. { Johns Hopkins Hospital, Baltimore, Md. 1887 Landor, Thomas H. C. P. R'y, O. 1884 Lane, John A. 1877 Lang, C. L. Kalamazoo, Mich. 1876 Lang, W. A. Nam Bielland Min.	1
Landor, Thomas H 1884	
Lane, John A 1877	
Lang, C. L Kalamazoo, Mich 1876	
Lang, W. A New Richland, Minn 1881	
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Langlois. (). X	
*Langrell. Richard T	
Larocque, A. B Montreal 1847	
Lathern, J. S	
Laurin, Edgar J	
Law, D. W. C Bond Head, O 1863	
Law William K	
Lawford John BLondon Eng	
Lawford, John B. London, Eng. 1879 *Lawrence, Henry J. H. 1862	
Leavitt, Julius	
Leclerc, George Montreal	
*Loclair Napoleon	
*Leclair, Napoleon 1861	
*Lee, James C	
*Lee, John Rolph 1849	
Lefebvre, John MVancouver, B.C1879 Legault, ECornwall, O1866	
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Lemoine, CSt. Pierre, Isle d'Orleans 1850 1848
Lepailleur, Leonard
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Leslie, A. C. Grand Forks, Bak 1890 Lewin, A. A. St. John, N.B. 1890 Corpwall, N.B. 1890
Lewin, A. A.       St. John, N.B.       1890         Liddell, G. L.       Cornwall, Ont.       1861         Lindsay, Heriot       St. Johns, Q.       1862
Lindsay Hariot St. Johns, Q
Lindsay, Heriot
*Lister, James
*Lloyd, H. W
*Locke, C. F. A
*Logan, David D
Logan, Robert
Long, C. H
Longpre, Flerre F 674 Lake St., Chicago, Ill 1883
Loring, J. Drown 1850
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Loux, William
Low, D
*†Lucas, T. D'Arcy
Lunam, H., B.A
Lyford, Chas. C
Lyford, Chas. C
Lyon, ArthurShawvine, Q.
Montagne P.E.I 1889
Martin, J. M
*MacDiarmid, John D 1863
*MacDarmid, John D         1863           MacDonald, Angus         St. Paul, Minn         1853           *Macdonald, Colin         1881           MacDonald, R. T. E         Sutton, Q         1881           Macdonald, Roderick Æneas         Stoney Mountain, Man         1874           Ottowy         1849
*Macdonald, Colin
MacDonald, R. T. E Sutton, Manual 1874
Macdonald, Roderick AneasStoney Mountain, Man 1849
MacDonell, EneasOttawa
MacDonnell, R. L., B.A. Montetell 1869  MacFarlane, Wm
MacFarlane, Wm. Almonte, Q. 1869 Macfie, James Fort Covington, N.Y. 1863 MacIntosh, Robert Rapid City, N.W.T. 1863  Ambarsthurg O. 1866
MacIntosh, Robert Rapid City, N.W.1
*Macklen, Samuel S
Maclean, ArchibaldSarnia, O
*Macnabb, Francis A. L 1883
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McBain, John
McCarthy, W

McCarthy J G.	. Montreal, Q 1888
McClare W D	. Montreal, Q 1888
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McCollum, E P	Ell
*McConly III C	Ellsworth, Kan 1884
Thiconkey, T. C	
McConnell John B	Montreal
*McCarl I-1 D	. Montreal 1873
The Cord, John D	1001
McCorkill K K C	East Farnham, Q 1882
McCommand N	· East Farmam, Q 1882
McCormack, N	Renfrew, O 1885
McCormick, Andrew G	Richmond, Q 1885
McCrimmon Donald 4	· Itilimona, Q 1814
The Crimmon, Donald A	. Lucknow () 1860
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"McCullough, Michael (Hon.)	19/12
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Trough, Oscar J. M. A	. Dale Verte, N.B 1879
McCurdy, John	.Chatham, N.B 1866
McCurdy T	Ormstown, Q
MaDawil W. T	· Ormstown, Q 1889
McDermid, Wm. E	. Dunvegan, O 1875
McDiarmid, Donald	Athol, O
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McDiarmia, James	Hensall () 1873
McDonald, Alex	Paisley O. 1999
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inchonald, H. J	Alexandria, 0 1885
TMcDonald, John A	Montreal 1990
McDonald Tog D A	Acton Vale, Q 1873
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McDonald, K. C	Spencer, Iowa 1880
*McDonald, Roderick	Vankleek Hill, O. 1889  Minneapolis, Minn. 1889
MaDonald A	V11 1 TI'll 0
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McDonald, H. N	Minneapolis, Minn. 1880
McDonald G	Renfrew, O 1889
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McDonald, M. S	Scotchtown, Q 1890
McDonald P A	. Alexandria, O 1889
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McDonald, Alex. K	.Boyd, Wis 1882
Macdonald A. D.	Carleton, N.B 1887
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McDonald, D. D	N. Lancaster, O 1887
McDonell A F I R A	Winnipeg, Man 1888
The Donell, A. E. J., D. A	· Willimpeg, Man 1888
McDonnell, Alex. R	Alexandria, 0 1874
-McDonnell Angus C	Montreal 1859
McDonnell, Angus C	Ottown O
mcDougan, reter A	Ottawa, U 1864
*McDougall, Peter A	1847
McDongall D S	Russell, O 1888
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McEachran, W	Denver, Col 1880
McEwon Findley	Carleton Place, O 1870
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McEwen, H	Carleton Place, O 1889
McEown, F	Carleton Place, O 1889 Winnipeg, Man 1890
M.E. I. M.A	A
McFariane, M. A	Arnprior, O
McGannon E. A	Brockville, O
McGonnon M C	Brockville 1885
McGannon, M. C	DIOCKVIIIe 1885
McGannon, T. G	Lowell, Mass 1886
McGarry James	Drummondville, O 1857
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McGeachy, William	Iona, O 1867
*McGill William	1848
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McGillivray, Donaid	Beebe Plain, Q
McGowan, Henry W	Beebe Plain, Q 1867
McGrath, Thomas	1849
mediani, induas	1849
*McGregor, Duncan:	1861
*McGregor, Duncan:	1861
*McGregor, Duncan:	Vancouver, B. C

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*McGuire, Bernard D	1070
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McInerney, James P. St. John, N.D. McInnes, Walter J. Victoria, O McIntosh, James. Vankleek Hill, O McIntosh, Donald J. Vankleek Hill, O	1865
McIntosh James Vankleek Hill, O	1859
McIntosh Donald JVankleek Hill, O	1870
TT T D A SOUPLE PRO PRO	1001
McKelcan, George Lloyd Hamilton, O McKenzie, J. T Plainfield, O McKenzie, B. E., B.A Kingston Road, Toronto, O	1884
McKenzie, J. 1 Kingston Road, Toronto, O	1880
McKenzie, K. A. J	1881
McKenzie, K. A. J. Portland, Oregon McKay, H. H. Pictou, N.S. McKay, John Woodville, O. McKay, Walter 2 Courtland, O. McKay, J. M. Wallace, N.S. *McKercher, H.  †McKecknie, R. E. Montreal General Hospital.	1890
McKay, H. H Woodvillo O	1869
Mckay, John Voodville, Courtland	1854
McKay, Walter Wallace N.S.	1886
McKay, J. M Wanace, IV.S	1880
*McKercher, H I Committee	1800
*†McKecknie, R. EMontreal General Hospital	1000
McKee, G. L	1070
McKinley, John K. Bristol, Q. McKinnon, H. Ashland, Wis.	10/8
McKinnon, H Ashland, Wis	1887
McKinnon, G. WSunnyside, P.E.I	1888
McKinnon, G. W. Sunnyside, P.E.I McKinnon, T. H. Lockport, N.S.	1889
MeT eron Poter Brildenell, F.E.L	1000
Malaran Potor	1901
Malaron Poter Ormstown, Q	1012
Mar D C DA (Golf ()	1880
*McLean, Alexander.  McLean, J. W. Point Hastings, N.S. Point Hastings, N.S.	1860
McLean I W Point Hastings, N.S	1883
Malagn Thos N Herons Falls Willing	1004
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McLellan, A. A. Souris, P.E.I.  McLellan, A. C. Indian River, P.E.I.	1890
McLellan, A. U. Tionish P.E.I.	1884
McLellan, Jas. H. Tignish, P.E.I	1888\
*McLeod, Arch., B.A	1883
McLeod, James	1873
McLeod, James	1890
McManus, H. D Bath, N.B	1883
McMartin, D. R Toronto, O	1885
McMeekin, J. W Otter Lake, Mich	1000
McMicking, George Toronto, O	1874
McMillan, Æneas J Manitou, Col	1005
*McMillan, D. L.  McMillan, Louis J. A.  Mansonville, Q.	1000
McMillan, Louis J. A Mansonville, Q	1800
McMillan John Picton N.S	1001
McMillan, G. ASydney, Australia	1890
McMurray, Samuel	1841
*McNaughton, E. P	1834
McMurray, Samuel  *McNaughton, E. P.  McNee, Stewart.  Ripley, N.Y.	1879
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McNulty, M. Brashers Falls, N.Y.	1870
McNulty, M Brashers Falls, N.Y	1880
McQuillen, James Marquette, Mich	1874
*McRae George	1876
McTaggart Alexander	1860
McRutty, M Blashers Falls, McRuttle, Mich Marquette, Mich McRae, George McTaggart, Alexander London, O *McNean, John M	1865
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Maher, J. J. E	1883
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Major, Geo. W., B.A	Montreal 1871
Malcolm, John Rolph	Scotland O 1861
*Malhiot Alfred	1846
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*M-11-1 Will D	Jersey, Eng 1863
*Malloch, William B	1867
Mallory, Albert E	Warkworth, 0 1872
Marceau, Louis T	Napierville, Q 1872
Marceau, Louis T	Cloverdale, Cal I867
*Marr Igrael P	1849
*Marr, Israel P Marr, Walter H	W 00-1 C4 N V 2000
Mair, waiter fl	W. 33rd St., New York 1859
Marston, Alonzo W	Hull, Q 1871
Marston, John J	Chevenne, Wy 1863
Martel, Ovide	St. Paul. Minn 1883
Mason, J. L., M.A	Brailsford, Derby, Eng 1863
Mattice, Rich. J	Omaha TIS
AM -41: TI	Omaha, U.S 1875
†Mathieson, John H	St. Mary's, O 1871
*Mathieson, Neil	1870
Mayrand, William	St. Andrew, Q 1884
Meahan, J. C	Bathurst, N.B 1878
Meane, John	Staff Surgeon-Major Army 1869
Moole Too A	20 W 95th St New York 1975
Meek, Jas. A	20 W. 25th St., New York 1875
*Meigs, Maicolm R	Fort Gratiot, Mich
Menzies, John B	Fort Gratiot, Mich 1879
*Meredith, Thomas L. B	1842
Merritt, D. P., B.A	Fitzrov Harbor, O 1884
Metcalfe, Henry J	Thurso, Q 1876
Matale To M	D-0-1 NV
Metcalle, F. T	Buffalo, N.Y 1888
Mewburn, F. H	Lethbridge, N.W.T 1881
Mignault, Henri A	St Denis, Q 1860
Mignault, L. D., B.A	Montreal 1880
Miller, R	Surg N. W. M. P. Battleford., 1870
Mills, Thos. W., M.A	Montreal 1878
Mills, Illos. W., M.A	Abanaana O
Miner, Frank L	Abercorn, Q 1877
*Mines, W	1874
Mitchell Fred. H	London, () 1871
Moffatt, John E	Staff Surgeon Army 1861
Moffatt, Walter	Pensacola, Flo
Moffatt, R. D	350 Parliament St., Toronto, O. 1888
Molson, Wm. A	Montreal
Molson, Wm. A	D. 10
Mongenais, Mapoléon	Rigaud, Q 1865
Monk, George H	Rockburn, Q 1875
Moore Charles S	London () 18/4
Moore Jehiel T	Minneapolis, Min 1874
Moore, Joseph	
Moore, Richard	1853
Moore, Robert C. Moore, William Morehouse, O. E.  *Morin, Joseph (Hon.). Morgan, V. H.	Dr. 1
Moore, William	Algonac, Mich 1001
Morehouse, O. E	Gibson, N.B 1889
*Morin. Joseph (Hon.)	1859
Morgan V. H	Aultsville. O 1887
Marria O	Pembroke O 1890
Morris, O*Morrison, David R	1900
"Morrison, David R	0 1 - Lawr N V 1070
Morrison, J., M.A	Ogdensburg, N. 1 1872
Morrow, C	Vernon, O 1888
Morrison, J., M.A.  Morrow, C.  Mount, John W.	Montreal 1851
Mowat W. W.	Williamstown. U 1009
Muirhead, D. A	Carleton Place, O 1889
manifest, or manifest the second	

Mulligan, E. A. Aylmer, Q. Munro, Alexander Montreal.  Munro, James T. Maxwell, Ont.  Muckey, F. S. 74 Syndicate Block  *Murray, Charles H., B.A Murray, D. A. River John, N.S.  Murray, M. W. Beachwood, Ont.  Musgrove, W. J. Drayton, Dak.  Neilson, W. J. Winnipeg, Man.	1876 1872 x, St. Paul, M. 1883 1876 1886 1889 1890
Nelles, J. M. Canton, Ill. Nelles, John A. London, O.  *Nelson, Horace.  *Nelson, Wolfred (Hon.) Nelson, W. M. F. Quebec. Nelson, W. M. F. Montreal. Nesbitt, Jas. A. Salt Lake City, Ut. Nicol, Wm. R. Watkins, N.Y.  *Nicholls, Chas. R. Noble, C. T. Sutton, Ont. Nortnn, Thomas Shelburne, O. Norman, T. J. King, O.	1875 1850 1851 1848 1872 1884 ah 1868 1872 1862 1862 1890 1874
Oakley, Wm. D. O'Brien, Thos. B. P. O'Brien, Robert S. Nanaimo, B.C. O'Brien, David. Renfrew, O. O'Brien, T. J. P. Kansas City, Mo. O'Brien, Timothy. O'Callagan, Cornelius H. O'Callagan, T. A., B.A. Worcester, Mass. *O'Garr, Peter. *O'Connor, Daniel A. O'Connor, C. O'Dea, James J. Odell, William. O'Keefe, Henry. Minto, Dakota. Ogden, H. V., B.A. Milwaukee, Wis. O'Leary, Patrick. Mayo, P.Q. O'Ileary, Patrick. Mayo, P.Q. O'Ilver, James W. O'Leary, James W. Clifton, O. Oliver, A. J. Cowansville, Q. O'Reilly, Charles. Toronto, O. Orr, A. E. Orton, T. H. Mandarin, Florida Osborne, A. B. Hamilton, O. Osler, William. J. Hopkins Hosp.  *Padfield, Charles W. Painchaud, Edward S. L. Varenues, Q. Palmer, Loran L. Pallen, Montrose A. New York. *Paquin, Jean M. *Paradis, Henri	1862 1873 1873 1873 1873 1882 1884 1884 1886 1887 1887 1887 1887 1887 1887 1889 1849 1849 1882 1882 1882 1882 1886 1859 1868 1890 1867 1883 1883 1886 1886 1886 1886 1886 1886

*Park, George A	1997	
Park, P. CMilverton, O	1001	
Parke, Charles S	1000	
Parlon Dufin C	1866	
Parker, Rufus SCanton, Mass	1866	
*Patterson, James M	1855	
Paterson, James	1864	
*Pattee, George	1858	
Pattee, Richard P Plantagenet O	1074	
*Patton Edward W	1014	
*Patton, Edward K	1867	
ration, H. M Montreal	1890	
Pearman, H. V	1888	
reor Alistin I	1070	
Pegg, Charles H	1867	
Perks, W. C		
Powersky Victoria	1881	
Perrault, Victor St. Eustache, Q	1852	
Perrier, John	1868	
Perrigo, James, M.AMontreal	1870	
Perry, H. R Montreal, Q	1873	
Phelan, C. J. R Waterloo, Q	1865	
Fhelan, James B447 W. Indiana St., Chicago	1000	
Theran, James D	1874	
*Phelan, Joseph P	1854	
Philip, David L Brantford, O	1863	
Philp, W. S Brampton, Ont	1889	
Phippen, S. S. COwosso, Mich	1883	
*Picault, Chas	1957	
*Pickup, John W	1007	
Fickup, John W.	1867	
Pinsonneault, BChicago, Ill	1880	
*Pinet, Alexis	1840	
Pinet, Alex. RSt. Laurent, Q	1864	
Pomeroy, L. E. McRochester, N.Y	1886	
Poole, Alf	1886	
Poole, H. ERossie, N.Y	1000	
Foole, fl. E	1000	
Porteous, WmMontreal	1884	
Porter, J. A., B.A Kemptville, O	1887	
Pothier J. C Woonsocket, R. J	1887	
Potts I Mc Belleville Ont Belleville	1888	
Poussette, A. CourthorpeSarnia, O	1860	
Powell, F. HOttawa, O	1885	
Powell, Israel WoodVictoria, B.C	1000	
Powell, Israel WoodVictoria, B.C	1000	
Powell, Newton WCobourg, O	1850	
Powell, Robert H. W199 Rideau St., Ottawa, O	1875	
Down Coorgo W Eaton Cor O	1861	
Persona Lafontaine B. Port Hone ()	1867	
Deinale George (Crnwall ()	1855	
Pringle, A. FNorthfield, Minn	1000	
Pringle, A. F.	1000	
Pringle, W. R Schreiber, O	1886	24
Pritchard, Ruben Levi 109 W. 45th St., New York	1883	0
Progger W O Le Mars, Ply Co. lowa	1874	
Description Lohn S Suspension Bridge ()	1868	
Proudfoot, Alex Montreal	1869	
Proudroot, Alex MontrealMontreal	1844	
Proulx, Phileas	1050	
*Prevost, E. Gilbert	1009	
Pulford, F. WStonewall, Man	1880	
*Quarry, James J	1868	
*Query, James W.  *Quernel, Jules M.  Quirk, E. L.  Aylmer, Q.	- 4	
	1849	
Questier, T. Avlmer O.	1849	

	Rae, J. Hamilton (Hon.)London, Eng	1853
	*Painville Diame	1000
	tainvine, Herre	1909
	*Rainville, Pierre	1859
	*Rattray, Charles J	1871
	Rattray, James C Cobden, O	1974
	Description of the second of t	1071
	Raymond, Olivier Montreal	1850
	Raymond, Alf Marcus, Iowa	1886
	Raymond, G. H., B.ASussex, King's Co., N.B	1886
	Read, Herbert HHalifax, N.S	1861
	Beau, Herbert H	1001
	Reavely, E Port Robertson, O	1887
	Redner, Horace P. Lonsdale, O. Reddick, Robert West Winchester, O	1864
	Beddick Robert West Winchester O	1874
	Poddy Harbert T D A	1071
	Reddy, Herbert L., B.AMontreal	1870
	*Reddy, John (ad eun.)	1856
	Reed, Thomas D Montreal	1871
	Reed, John A Sault Ste. Marie, O	1971
	Deil the D	1011
	Reid, Alex. Peter	1898
	Reid, J. T Drayton, Dak	1890
	*Reid, Kenneth Renner, W. Scott Buffalo, N.Y.	1864
	Renner W Seett Puffele N V	1001
	Dullaio, N. 1	1004
	Reynolds, T. W	1881
	Reynolds, Robert T Berlin, O	1837
	*Reynolds, Thomas	1849
	*Reynolds, Thomas	1004
	De la	1004
	Richmond, P. E Mount Pleasant, Minn	1873
	Ridley, Henry Thomas	1852
	*Rielle, Etienne R. E.	1857
	*Rielle, Etienne R. E. Riley, Oscar H	1070
	Moer's Forks, Clinton Co., N. Y.	1879
	Rinfret, Ferdinand RQuebec	1868
	*Rintoul, David M	1854
	Richardson, J. R. 3015 Lock St. Chicago	1865
	Richardson, G. C Richmond, O	1887
	Riordan, B. L Toronto, O	1880
	Ritchie, A. F., B.A Duluth Minn	1876
	Ritchie John I. Army Med Dont	1974
	Richardson, G. C. Richmond, O. Richardson, G. C. Richardson, G. Richmond, O. Richardson, G. C. Richardson, G. Richmond, O. Richardson, G. Richmond, O. Richardson, G. Richmond, O. Richardson, G. C. Richmond, O. Richardson, G. C. Richmond, O. Richardson, G. C. Richmond, G. Richm	1011
	Roberts, Edward T	1859
	Roberts, John E., B.A Montague, Jam., W.I	1867
	Robertson, James E Montague, P.E.I	1965
	Polysteen Devil	1000
	Robertson, David Milton, O	1864
	Robertson, David TLennoxville, QRobertson, PatrickSt. Andrews, Q	1857
	Robertson, Patrick St. Andrews, O	1867
	Robertson, F. D., B.A St. Albans, Vt	1886
	Robertson A C	1000
	Robertson, A. G Iroquois, O	1888
	Robertson, W Chesterfield, O	1890
	Robillard, Adolphe Ottawa O	1860
	Robinson, Stephen J Brantford, O	1867
	Robinson World	1007
	Robinson, Wesley Markham, O	1877
	Robitaille, Louis New Carlisle, Q	1866
	Robitaille, L. T., HonQuebec	1858
	†Roddick, Thomas GMontreal	1868
•	Rodger, Thomas AMontreal	1000
	Porcess F I A	1800
	Rogers. E. J. A Denver, Col	1881
	Rogers, Amos Ottowo O	1974
	Rooney, R. F Auburn Placer Co. Cal	1870
	Rooney, R. F	1000
	Poss James P.A Montreal	1800
	1DOSS, James D. A Dundes ()	1881
	Ross, G. TMontreal	1880

Ross, L. D Montreal, Q	
DOSS. W. N. A	
ROSS, Thomas Woodland Cal 1969	
*Ross, Henry	
Ross, William GAshburt, New Z 1871	
*Ross, Vm. D	
Ross, J. W	
Ross, L. F., B.A	
Ross, L. F., B.A       1886         Ross, D. L.       Decatur, Ala       1887         Ross, James       Halifax, N.S.       1890	
Ross, James Halifax, N.S 1890	
NOSS, H. D	
Rowat, W. M. Graphy O	
Rowell, G. B	
Rugg, Henry C Perth, O 1865	
*Kumsey, William 1859	
Rutherford, M. C	
Rutherford Clarendon M.A 102 Fullerton ave Chicago 1999	
Rutledge, And, J	
Ruttan, Allen Napanee, O	
Ruttan, A. M New York 1880	
Ruttan, Allen       Napanee, O       1852         Ruttan, A. M.       New York       1880         Ruttan, R. F.       Montreal       1884	
*Sabourin, Moise 1849	
Sampson, James (Hon.)	
Sanderson, George W	
Savage, Thos. Y Thistletown, O 1854	
*Savage, Alex. C 1866	
*Sawyer, James H 1863	
*Schmidt, Samuel B	
Schmidt, A. F Montreal, Q 1886	
Schmidt, A. J. Fairbault, Man 1886 *Schofield, David T. 1854 Scott, John G. Hazeldeau, Co. Carl., O. 1879	
*Schofield, David T	
Scott, John G Hazeldeau, Co. Carl., O 1879	
Scott Stephen A	
*Scott, William E. 1844 Scott, Wm. F. Hull, Q. 1875	
Scott, Wm. F Hull, Q 1875	
Scott, W. McE       Gladstone, Man       1883         Scott, J. M       Philadelphia, Penn       1887         *Scriven, George Augustus       1848         Scully, D. J       788 N. Ashland St., Chicago       1887	
Scott, J. M Philadelphia, Penn 1887	
*Scriven, George Augustus 1848	
Scully, D. J 188 N. Ashland St., Chicago. 1887	
Seager, Francis R. Brigden, O. 1870 Secord, Levi Bright, O. 1876	
Secord, Levi 1876	
Seery, F. J	
Setree, Edward WHeuvelton, N.Y1878 *Seguin, Andr*Rigaud, Q1848	
*Seguin, Andr*	
Senkler, A. E St. Paul, Minn 1863	
Serviss, T. W. Ovoville, Cal. 1881 Seymour, M. M. Winnipeg, Man. 1879 *Sewell, Stephen C. (ad eun.(	
Seymour, in. in	
Sewell, Colin (ad eun.) Quebec	
Shanks, A. L	
Charles T C Howself O	
Chem I C Marvevilla NR 1005	
Sharp, J. C.       Marysville, N.B.       1881         Sharp, Wm       South Toledo, Ohio       1872         Shaw, Alexander       Watertown, Dak       1882         Shaw, W. F       Bracebridge, O       1879	
Chay Alexander Wetertown Delr 1999	
Chaw W F Reschridge O 1970	
Shaw, W. Fraction Shaver, Peter Rolph Stratford, O	
Shaver, W. H	
phavor, in according to the second se	

*Shaver, R. N	
Shibley, J. L., B.A	
Choley, J. L., D.A	
Shepherd, Francis J Montreal 1873	
Sherk, George	
Shoebottom, Henry Port Huron, Mich 1857	
Classic Williams Control of the Cont	
Shufelt, W. A 1881	
Sihler, G. A Simcoe, O	
*Simard Amable	
Cimard, Amable	
*Simard, Amable 1852 Simpson, Thomas Montreal 1854	
Sinclair, Coll	
Smail, H. B	
*Charles I T 1 D	
*Smallwood, John R 1868	
Smellie, T. S. J., M.A	
Smellie, T. S. J., M.A.       Port Arthur, O.       1877         Smiley, J. S.       Portsmouth, Iowa       1880	
*Carith Dariel D	
*Smith, Daniel D	
Smith, Daniel F Walkertown, O 1878	
Smith, E. H	
Conith E II	
Smith, E. HFullarton, Neb 1881	
*Smith, Edward W. 1859 Smith, John Portland, Oregon 1879	
Smith John Portland Oregon 1870	
Contth Norman A	
Smith, Norman A Frelighsburg, R 1870	
Smith William Lachute ()	
Smith, Edward W., A.B West Merriden, Conn 1882	
Smith, W. D Montreal General Hospital 1890	
Smith, W. D Montreal General Hospital 1890	
Smith, W. A. de W New Westminster, B.C 1884	
Smith H E Marlhore' Mass	
Smytha T W	
Smythe, T. W	
Snider, Frederick S Teeterville, O 1876	
Sparham, Terence Brockville O. 1841	
Sparham F B	
Sparham, E. R.         1852           Spear, Andrew M.         Danville, Q.         1874	
Spear, Andrew M Danville, Q 1874	
Spencer Richmond Brandon Man 1970	
Springle, J. A	
1888 Montreal, Q 1888	
Squire, William Wood, M.A 1864	
*Squire, William Wood, M.A	
Stanton, George	
Started, George	
Stark, George A Milwaukee, Wis 1872	
*Staunton, Andrew	
Stephen, William	
Stephen, G. CLondon, Eng	
Stevens, Alex, Dunham O	
Stevenson Charles N Continuel O	
Stevenson, Charles N Coaticook, Q	
Stevenson, Hans. Wakefield, Q. 1880 Stevenson, J. M. Bryanston, O. 1856	
Stevenson, J. M Bryanston, O 1856	
*Stevenson, John L 1855	
*Stevenson, John A	
1873	
Stevenson, Robert A Toronto, O 1871	
Stewart, Alexander	
Stewart, Andrew	
*Stawayt Taba Alaman St., Chicago 1884	
*Stewart, John Alexander	
Stewart, James Montreal 1869	
Stewart, J. O	
Stowart A D	
Stewart, A. D Richmond O 1888	
Diewall, W. C. B. A Montrool ()	
Stephenson, James	
Stimmon Alfred O	
Dulliuson, Allred U Thompson Do. 1969	
Non Julia Depuision III 1979	
Storrs, A Mexborough, York, Eng 1876	
Hexborough, Tork, Eng 1070	

*Strobridge, James Gordon	Donald
Struthers, A. D	Donald
Struthers, B. R	Sault Ste. Marie
*Sutherland Fred Dunhar	1864
Sutherland, Walter	Ormstown, Q 1871
*Sutherland, William	
*Sutherland, William	
Sutherland, William R	Montreal
Switzer, Egerton R	Salina, Ks 1865
Tabb Silas E. M.A	. Sherbrooke, Q 1868
*Tait, Henry Thomas	Peterboro, O
Taylor, Wm. H	Peterboro, 0
Taylor Sullivan A.	Gilmonton N.H. 1870
Teller, W. J	Montreal, Q
Temple James A	. Wakefield, York, Eng 1864 . Toronto
Thaver. Linus O	Montreal 1859
*Theriault, F. D	Montreal
Therian Hanani	Rodford ()
Thomas, W. R	Shoal Lake, Man 1880
Thompson Robert	Shoal Lake, Man 1886 1842 Brantford, O 1852 Maiter, Man 1889
Thompson Wm H	- WAIIIIOII - WAII 1004
Thompson I H	Elgin Neh 1888
Thompson, F. E	. Winnipeg, Man
Thornton, Hastwell W., B.A	West Meriden, Conn 1873
Trannell H E.	. Putnam. Conn
*Trudel, Eugene H	
Trueman, J. E	. Macan, N.S 1981
*Turgeon, Louis G	Moose Jaw N.W.T
Tuzo Henry A	Montreal 1862 1844 Macan, N.S. 1981 1860 Moose Jaw, N.W.T. 1886 1853 Kamloops, B.C. 1875
†Tunstall, Simon J., B.A	.Kamloops, B.C 1875
200	. Walkertown, O 1861
Usher, Henry	. Walkertown, O 1801
Vannorman J. M	. Detroit, Mich 1840
*Vicat, John R	. 229 E. 60th St., New York 1867
†Vineberg, Hiram N	Montreal, Q
Wagner A. Dixon	.Cornwall, O 1872
Wagner, G. C	. Cornwall, O
VIII William H	
TIT 1 - Denismain N	. Qüebec
varr 11 Debent	1661
TYT 11-00 Toogs II	William () 10/4
TIT 1.1 Edmand C	. Madrid, N.Y
TI D	100/
Ward William T	. Morristown, Minn 1873
11 00.01	

W1 Wish-sl O'P Montrool	
Ward, Michael O'B Montreal	1875
Warneford, P. HNorton, N.B	1887
Warnelord, I. II	1007
Warren, FrankBrooklin, O	1872
*Warren, Henry London, O. London, O	1860
Warren, Henry	1000
Wangh William London, O	1872
Weagant, C. A	1870
Weagant, C. A Calton, Carrenter	1019
Wesgent A A Dickinson's Landing	1888
Troagail, it. 11.	1071
*Webb, James T. S	1911
Webb, James T. S.  Webster, Arthur D.  Weilbrenner, Remi  *Weir, Richard.	1878
Webster, Arthur D	1071
Weilbrenner, Remi Port Neuf, Q	1891
*Wein Dichard	1859
Welf, Kichard	1002
Westley, R. A. Alexandria, O. Wetmore, F. H. Hampton, N.B.	1888
W. T. II	1848
Wetmore, F. H Hampton, N.D	1000
Wheeler C. T. B.A.	1889
Wiledel, C. L., B.H.	1000
*Wherry, John	1862
White, F. JShediac, N.B	1886
Willie, F. J	1000
White, W. W., M.ASt. John, N.B	1886
White, D. De J Montreal	1000
White, D. De J Montreal	1990
Whitegomb Togich G Omeha Neh	1848
Whiteford, James W. Whiteford, RichardToledo, Ohio	1070
. Whiteford, James W	18/3
Whiteford Pighard Tolada Ohio	1857
Whiteford, Richard Toledo, Ohio Whitwell, W. P. O Philipsburg, Q  *Whyte, Joseph A  Whyte, J. Montreal  Wigle, Hiram Wiarton, O  *Widner, Christopher (Hon.)	1001
Whitwell W. P. O. Philipsburg, Q	1860
with the state of	1000
"Whyte, Joseph A	1870
Whyte T T Montreel	1889
Wilyle, J. J	1000
Wigle, Hiram Wiarton, O	1875
*Widman Christopher (Hon)	1917
Widmer, Christopher (11011.)	1041
Wilkins, George (ad eun.)Montreal	7000
Wilkins, George (ad eun.)Montreal	1886
Wilking H P	1887
Wilkins, II. I Toronto, O	1001
Wilkins, H. P. Toronto, O. Williams, J. Boston, Mass.	1881
Williams, J. FTeronto	1998
Williams, o. I Tollows	1000
Williams E. P Montreal O	1887
Williams E. P Montreal O	1887
Williams E. P Montreal O	1887
Williams E. P Montreal O	1887
Williams, E. P	1887 1890 1879
Williams, E. P. Montreal, Q. Williamson, H. M. Guelph, Ont. Williston, H. V., M.A. Newcastle, N.B. Willson, J. A. K. Richmond, O.	1887 1890 1879 1885
Williams, E. P. Montreal, Q. Williamson, H. M. Guelph, Ont. Williston, H. V., M.A. Newcastle, N.B. Willson, J. A. K. Richmond, O.	1887 1890 1879 1885
Williams, E. P. Montreal, Q. Williamson, H. M. Guelph, Ont. Williston, H. V., M.A. Newcastle, N.B. Willson, J. A. K. Richmond, O.	1887 1890 1879 1885
Williams, E. P. Montreal, Q. Williamson, H. M. Guelph, Ont. Williston, H. V., M.A. Newcastle, N.B. Willson, J. A. K. Richmond, O.	1887 1890 1879 1885
Williams, E. P. Montreal, Q. Williamson, H. M. Guelph, Ont. Williston, H. V., M.A Newcastle, N.B. Willson, J. A. K. Richmond, O. Wilson, Benjamin S. Belleville, O. Wilson, W. A. Derby, N.B.	1887 1890 1879 1885 1886 1890
Williams, E. P. Montreal, Q. Williamson, H. M. Guelph, Ont. Williston, H. V., M.A. Newcastle, N.B. Willson, J. A. K. Richmond, O. Wilson, Benjamin S. Belleville, O. Wilson, W. A. Derby, N.B.	1887 1890 1879 1885 1886 1890
Williams, E. P. Montreal, Q. Williamson, H. M. Guelph, Ont. Williston, H. V., M.A. Newcastle, N.B. Willson, J. A. K. Richmond, O. Wilson, Benjamin S. Belleville, O. Wilson, W. A. Derby, N.B.	1887 1890 1879 1885 1886 1890
Williams, E. P. Montreal, Q. Williamson, H. M. Guelph, Ont. Williston, H. V., M.A. Newcastle, N.B. Willson, J. A. K. Richmond, O. Wilson, Benjamin S. Belleville, O. Wilson, W. A. Derby, N.B.	1887 1890 1879 1885 1886 1890
Williams, E. P. Montreal, Q. Williamson, H. M. Guelph, Ont. Williston, H. V., M.A. Newcastle, N.B. Willson, J. A. K. Richmond, O. Wilson, Benjamin S. Belleville, O. Wilson, W. A. Derby, N.B. *Wilson, Robert M. Wilson, William Ottawa. Wilson, Samuel F. Millstream, Kings Co. N.B.	1887 1890 1879 1885 1886 1890 1850 1857
Williams, E. P. Montreal, Q. Williamson, H. M. Guelph, Ont. Williston, H. V., M.A. Newcastle, N.B. Willson, J. A. K. Richmond, O. Wilson, Benjamin S. Belleville, O. Wilson, W. A. Derby, N.B. *Wilson, Robert M. Wilson, William Ottawa. Wilson, Samuel F. Millstream, Kings Co. N.B.	1887 1890 1879 1885 1886 1890 1850 1857
Williams, E. P. Montreal, Q. Williamson, H. M. Guelph, Ont. Williston, H. V., M.A. Newcastle, N.B. Willson, J. A. K. Richmond, O. Wilson, Benjamin S. Belleville, O. Wilson, W. A. Derby, N.B. *Wilson, Robert M. Wilson, William Ottawa. Wilson, Samuel F. Millstream, Kings Co., N.B. Wilson, C. W. Buckingham, Q.	1887 1890 1879 1885 1886 1890 1850 1857 1884 1886
Williams, E. P. Montreal, Q. Williamson, H. M. Guelph, Ont. Williston, H. V., M.A. Newcastle, N.B. Willson, J. A. K. Richmond, O. Wilson, Benjamin S. Belleville, O. Wilson, W. A. Derby, N.B. *Wilson, Robert M. Wilson, William Ottawa Wilson, Samuel F. Millstream, Kings Co., N.B. Wilson, C. W. Buckingham, Q.	1887 1890 1879 1885 1886 1890 1850 1857 1884 1886
Williams, E. P. Montreal, Q. Williamson, H. M. Guelph, Ont. Williston, H. V., M.A. Newcastle, N.B. Willson, J. A. K. Richmond, O. Wilson, Benjamin S. Belleville, O. Wilson, W. A. Derby, N.B. *Wilson, Robert M. Wilson, William Ottawa Wilson, Samuel F. Millstream, Kings Co., N.B. Wilson, C. W. Buckingham, Q.	1887 1890 1879 1885 1886 1890 1850 1857 1884 1886
Williams, E. P. Montreal, Q. Williamson, H. M. Guelph, Ont. Williston, H. V., M.A. Newcastle, N.B. Willson, J. A. K. Richmond, O. Wilson, Benjamin S. Belleville, O. Wilson, W. A. Derby, N.B. *Wilson, Robert M. Wilson, William Ottawa Wilson, Samuel F. Millstream, Kings Co., N.B. Wilson, C. W. Buckingham, Q.	1887 1890 1879 1885 1886 1890 1850 1857 1884 1886
Williams, E. P. Montreal, Q. Williamson, H. M. Guelph, Ont. Williston, H. V., M.A. Newcastle, N.B. Willson, J. A. K. Richmond, O. Wilson, Benjamin S. Belleville, O. Wilson, W. A. Derby, N.B. *Wilson, Robert M. Wilson, William Ottawa. Wilson, Samuel F. Millstream, Kings Co., N.B. Wilson, C. W. Buckingham, Q. Wilscam, John Wilbrod Wishart, D. J. G. Toronto, O. Woolverton, A. M.A. Hamilton, O.	1887 1890 1879 1885 1886 1890 1850 1857 1884 1886 1846 1885
Williams, E. P. Montreal, Q. Williamson, H. M. Guelph, Ont. Williston, H. V., M.A. Newcastle, N.B. Willson, J. A. K. Richmond, O. Wilson, Benjamin S. Belleville, O. Wilson, W. A. Derby, N.B. *Wilson, Robert M. Wilson, William Ottawa. Wilson, Samuel F. Millstream, Kings Co., N.B. Wilson, C. W. Buckingham, Q. Wilscam, John Wilbrod Wishart, D. J. G. Toronto, O. Woolverton, A. M.A. Hamilton, O.	1887 1890 1879 1885 1886 1890 1850 1857 1884 1886 1846 1885
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Wright, Henry P Wright, Stephen	Sherbrooke, Q
Wye, John H. Wylde, C. F.	
Young, A. A Young, H. E., B.A Youker, William	Clarenceville, Q.       1876         Ridgetown, O.       1873         Barton, Vt.       1887         Napanee, O.       1888         Belleville, O.       1870         Truro, N.S.       1890

\*Deceased.

†Medallist.

# EXAMINATION PAPERS—SESSION 1889-90.

# MATRICULATION EXAMINATIONS.

#### LATIN.

Time allowed, 2 hours.

Note.—Candidates may choose between Cicero and Virgil.

1. Translate, without unnecessary change of construction:

### CICERO.

(A.) IV. Fuisti igitur apud Læcam illa nocte, Catilina: distribuisti partes Italiæ: statuisti, quo quemque proficisci placeret: delegisti, quos Romæ relinqueres, quos tecum educeres: descripsisti Urbis partes ad incendia: confirmasti, te ipsum jam esse exiturum: dixisti paullulum tibi esse etiam nunc moræ, quod ego viverem. Reperti sunt duo equites Romani, qui te ista cura liberarent, et sese illa ipsa nocte paullo ante lucem me meo in lectulo interfecturos pollicerentur. Hæc ego omnia, vixdum etiam cœtu vestro dimisso, comperi: domum meam majoribus præsidiis munivi atque firmavi: exclusi eos, quos tu mane ad me salutatum miseras, quum illi ipsi venissent, quos ego jam multis ac summis viris ad me id temporis venturos esse prædixeram.

(B.) XII. His ego sanctissimis reipublicæ vocibus, et eorum hominum, qui idem sentiunt, mentibus pauca respondebo. Ego, si hoc optimum factu judicarem, patres conscripti, Catilinam morte mulctari, unius usuram horæ gladiatori isti ad vivendum non dedissem. Etenim, si summi viri et clarissimi cives Saturnini et Gracchorum et Flacci et superiorum complurium sanguine non modo se non contaminarunt, sed etiam honestarunt, certe mihi verendum non erat, ne quid, hoc parricida civium interfecto invidiæ mihi in posteritatem redundaret. Quod si ea mihi maxime impenderet, tamen hoc animo semper fui, ut invidiam, virtute partam, gloriam, non invidiam putarem.

In Catilinam, Orat. I.

N.B.—In order to pass, Candidates must show, by their answers to the following questions, that they know the Grammar of the Language:—

2. Parse, giving also the construction, each word of the sentence:—"quos ego jam multis ac summis viris ad me id temporis venturos esse prædixeram."

- 3. Decline together, both in singular and plural, illa ipsa nocte, and also the nouns domus, vir, and the pronoun ego.
- 4. Name, and account for, the Mood and Tense of every verb from "exclusi eos" to end of extract A.
- 5. Give principal parts of the verbs to which belong relinqueres, educeres, viverem, reperti sunt, interfecturum, exclusi, miseras, respondebo.
  - 6. Write short Notes explanatory of:-
- (a) Apud Læcam illa nocte. What case and why? What would illam noctem mean?
- (b) Qui te ista cura liberarent. What difference in meaning would liberabant give?
- (c) Ad me salutatum. What part of the verb is this? What is the Rule for its use?
- 7. Every case of a Noun in Latin, except the Vocative, can be used to complete a Predicate. Give an example of each case.

# VIRGIL.

# Time allowed, 2 hours.

- 1. Translate, without unnecessary change of construction :-
  - (A.) Vix e conspectu Siculæ telluris in altum Vela dabant læti et spumas salis ære ruebant; Quum Juno, æternum servans sub pectore vulnus, Hæc secum: "Mene incepto desistere victam, Nec posse Italia Teucrorum avertere regem! Quippe vetor fatis. Pallasne exurere classem Argivûm, atque ipsos potuit submergere ponto, Unius ob noxam et furias Ajacis Oïlei? Ipsa, Jovis rapidum jaculata e nubibus ignem, Disjecitque rates, evertitque æquora ventis: Illum, exspirantem transfixo pectore flammas, Turbine corripuit, scopuloque infixit acuto. Ast ego, quæ divûm incedo regina, Jovisque Et soror et conjux, una cum gente tot annos Bella gero. Et quisquam numen Junonis adoret Præterea, aux supplex aris imponat honorem?" ÆNEID, Bk. I. vss. 34-49.
    - (B.) Instant ardentes Tyrii: pars ducere muros,
      Molirique arcem, et manibus subvolvere saxa;
      Pars optare locum tecto, et concludere sulco;
      Jura magistratusque legunt, sanctumque senatum;
      Hic portus alii effodiunt; hic alta theatris
      Fundamenta locant alii, immanesque columnas
      Rupibus excidunt, scenis decora alta futuris:

Qualis apes æstate nova per florea rura
Exercet sub sole labor, quum gentis adultos
Educunt fetus, aut quum liquentia mella
Stipant, et dulci distendunt nectare cellas:
Aut onera accipiunt venientum, aut agmine facto
Ignavum fucos pecus a præsepibus arcent:
Fervet opus, redolentque thymo fragrantia mella.

ÆNEID, Bk. I., vss. 423-436.

N.B.—In order to pass, Candidates must show, by their answers to the following questions, that they know the Grammar of the Language.

- 2. Parse, giving also the construction, each word of the sentence:— "Mene incepto desistere victam, Nec posse Italia Teucrorum avertere regem," in extract A.
- 3. Decline together, in both singular and plural, liquentia mella, also the nouns manus, locus, and the pronoun ego.
- 4. Name, and account for the Mood and Tense of every verb in the last four lines of extract A.
- 5. Give the principal parts of the verbs to which belong exurere, submergere, incedo, gero, imponat, subvolvere, effodiunt, accipiunt.
  - 6. Write short Notes explanatory of :-
- (a) Unius ob noxam. To what class of numerals does this belong? Name three other classes and give the forms for unus in each class.
  - (b) tot annos bella gere. Why is the accusative used?
- (c) Pars optare locum. Account for this use of the infinitive. By what name is it usually called?
- 7. Every case of a Noun, except the Vocative, can be used in Latin to complete a Predicate. Give an example of each case.

#### ENGLISH.

Time allowed, 1½ hour.

Examiner ..... H. ASPINWALL HOWE, M.A., LL.D.

- 1. What is meant by Inflection? How is the loss of it supplied in English? Give instances of it still remaining in our language.
  - 2. Analyse the last three lines of the following passage:-

My way of life
Is fallen into the sear and yellow leaf;
And that which should accompany old age,
As honour, love, obedience, troops of friends
I must not look to have.

3. Explain the syntax of the words Italicised in:-

He was paid a shilling. They told me that I was wanted. His after life was virtuous. After he came things went right.

- Out, brief candle. He was beaten out and out.
- 4. Take the following forms, and state from them rules for forming English plurals: - Men, kine, churches, animalcula, sons-in-law.
- 5. Give the preterites and past participles of the verbs:-flow, fly, flee, fall, fell, lie, lay, sow, sew, eat.
- 6. Correct errors, where found, in the following, and give reasons for the correction :-
  - (a) I am one of those who cannot describe what I feel.
  - (b) Language is the principle vehicle of thought.
  - (c) How sweet the moonlight sleeps upon this bank.
- 7. Distinguish in meaning between the following pairs of words, and give their etymology: -annalist and analyst; president and precedent; sensible and sensitive; observance and observation; ingenious and ingenuous.
  - 8. Write a short essay on "Alms-giving."
- 9. Write legibly and punctuate properly the Dictation which will be read to you.

# GEOMETRY.

# Time allowed, 1\frac{1}{2} hour.

#### ..... H. ASPINWALL HOWE, M.A., LL.D. Examiner ...

- 1. If the angles at the base of a triangle are equal, the sides opposite to them are equal.
- 2. The opposite sides and angles of a parallelogram are equal and the diagonal bisects it.
  - (a) Prove that the two diagonals bisect each other.
- 3. If a parallelogram and a triangle be on the same base and between the same parallels, the parallelogram shall be double of the triangle.
- 4. If a straight line be bisected and produced to any point, the rectangle contained by the whole line so produced and the part of it produced, together with the square on half the line bisected, is equal to the square on the straight line which is made up of the half and the part produced.
- 5. In every triangle, the square on the side opposite an acute angle is less than the squares on the sides containing that angle, by twice the rectangle contained by either of these sides, and the straight line intercepted between the perpendicular let fall on it from the opposite angle and the acute angle.

# NATURAL PHILOSOPHY.

# Time allowed, 1½ hour.

- 1. What are the units of measure for *length*, *capacity*, and *weight* in the French metrical system? Explain these units, and compare them with those of the English system.
- 2. State accurately the two laws of falling bodies which Atwoods' machine is intended to demonstrate. Which of these two laws can also be demonstrated by using an inclined plane?
- 3. Describe the *Screw*, and point out its relation to the inclined plane. What is the mechanical advantage of the screw?
- 4. Explain, with a sketch, the principle which governs the action of the *Metronome*, an instrument used for marking time in practising music.
- 5. When a solid body wholly immersed in a fluid is at rest, at any depth below the surface, the downward pressure of the fluid upon the upper surface of the solid is less than the upward pressure on the under surface. Explain this fully with a diagram, and state what the difference is of the two pressures.

### BRITISH HISTORY.

Time allowed,  $1\frac{1}{2}$  hour.

# Examiner.... H. ASPINWALL HOWE, M.A., LL.D.

- 1. Give a short summary of events that occurred in the reign of one of the following sovereigns:—Henry IV., Elizabeth, James II.
  - 2. The following distich is found in Shakspeare's Henry V.:-
    - "If that you will France win,
    - "Then with Scotland first begin."

Show from British History that England's necessity was, more than once Scotland's opportunity for attack.

- 3. Give the meaning of each of the Royal mottoes:-
- "Dieu et mon Droit;"—"Ich Dien;"—"Honi soit qui mal y pense;"—"Fidei Defensor." With what event, historical or otherwise, is each connected?
- 4. Write short notes explanatory of:—"The Barons' War," "The Black Prince," "The Merry Monarch," "The Seven Years' War," "The Jacobites," "The Right of Search."
- 5. Write a concise account of "The Conspiracy" Pontiac," its object the chief actors in it, and the result.

# GEOGRAPHY.

# Time allowed, $1\frac{1}{2}$ hour.

- 1. Name five of the largest rivers in the world. Describe any one of them, mentioning its rise, direction, its affluents, the countries drained by it, the water sheds on either side of it, the chief cities situated on it, and the sea or ocean into which it discharges.
- 2. Take one of the following inland seas:—The Baltic, the Caspian, the Black Sea. Name the countries surrounding it, the principal places on its shores and the rivers that feed it.
- 3. Draw a sketch-map of equatorial Africa from the mouth of the Congo to that of the Zambezi, putting in places to which recent events give interest.
- 4. Prince Arthur is returning from Bombay to England by the Canadian Pacific. Name in order the most prominent places, etc., on his line of route.
- 5. What and where are: The Bristol Channel, the Cattegat, Samoa, Tasmania, the Punjaub, the Loire, Chili, Arizona, the Yukon, Sitka.

### BOTANY.

# Time allowed, 1½ hour.

Examiner..... H. Aspinwall Howe, M.A., LL.D.

- 1. Describe stem, leaf, flower and fruit of the Morning Glory or of the Sweet Pea.
- 2. Distinguish between perfect, monacious and diacious blossoms, with example of each.
- 3. Account for the ash of plants, and name the most abundant elements in the ash of the cereals.
  - 4. Distinguish between species and varieties of plants.
- 5. Explain the change that takes place in the starch of a seed when germination takes place, as seen in malting.

# CHEMISTRY.

# Time allowed, 11 hour.

- 1. Indicate by means of equations the reaction that takes place, when *Hydrochloric Acid* is treated (a) with a metal such as *zinc*, (b) with oxygen.
- 2. Carbon is said to be a reducing agent. What is meant by this statement? Describe an experiment illustrating it.

- 3. Define the following: -hydrate, metal, acid, saturated solution.
- 4. Name the members of the *Chlorine* family of elements. Describe one of them.
- 5. What substances are indicated by the following formulæ:— $H_3PO_4$ ,  $CA_3$  ( $PO_4$ )<sub>2</sub>,  $K_2O$ , MGO, FEO, and  $FE_2O_3$ ?

# ARITHMETIC.

Time allowed, 11 hour.

Examiner..... H. Aspinwall Howe, M.A., LL.D.

- 1. Find the value of 1 ton, 6 cwt., 2 qrs., 6 lbs., at \$18.20 per ton.
- 2. How much water must be added to a cask containing 60 gallons of spirit worth \$3 a gallon, to reduce the price to \$1.92 a gallon?
- 3. Add together  $\frac{2}{5}$  and  $\frac{3}{4}$ ; multiply the same by  $1\frac{3}{8}$ , and divide the result by  $3\frac{87}{125}$ .
- 4. Convert the vulgar fractions, in the preceding, into decimals; perform the same operations and show that the results obtained by the two methods coincide.
- 5. If £4,500 of 3 per cent. stock at 72 be transferred to the 4 per cent. at 90, what will be the change of income?

#### ALGEBRA.

Time allowed, 11 hour.

- 1. Divide  $3 xy + x^3 + y^3 1$  by y + x 1.
- 2. Resolve into factors,  $2 bc b^2 c^2 + a^2$  and  $x^3 y^3 + x y$ .

3. Simplify 
$$\frac{2a-1}{2a} - \frac{2a}{2a-1} + \frac{\frac{1}{2}}{2a^2-a}$$
 and  $\frac{1}{1-\frac{1}{a}} - 1 - \frac{1}{a(a-1)}$ 

4. Solve the equations:-

(A) 
$$\frac{1}{2} \left( x - \frac{a}{5} \right) - \frac{1}{3} \left( x - \frac{a}{4} \right) = \frac{1}{7} \left( x + a \right)$$
(B)  $\begin{cases} 2 x - \frac{y - 3}{5} = 4 \\ 3 y + \frac{x - 2}{3} = 9 \end{cases}$ 

5. In a mixture of wine and water the wine composed 25 gallons more than half the mixture, and the water 5 gallons less than a third of the mixture. How many gallons were there of each?

#### GREEK.

### Time allowed 13 hour.

Examiner..... H. ASPINWALL HOWE, M.A., LL.D.

Note.—Candidates may choose, in this Paper, between Xenophon and Homer.

#### XENOPHON.

1. Translate, without unnecessary change of construction:

`Ακούσας ταῦτα ἔλεξεν ὁ Κῦρος · "'Αλλ' ἔστι μὲν ἡμῖν, ὡ ἀνδρες, ἡ ἀρχὴ ἡ πατρώα πρὸς μὲν μεσήμβρίαν μέχρι οὐ διὰ καῦμα οὐ δυνανται οἰκεῖν ἀνθρωποι, πρὸς δὲ ἄρκτον μέχρι οὖ διὰ χειμῶνα · τὰ δ' ἐν μέσω τοὐτων πάντα σατραπεύουσιν οἱ τοῦ ἐμοῦ ἀδελφοῦ φίλοι. 'Ἡν δ' ἡμεῖς νικήσωμεν, ἡμᾶς δεῖ τοὺς ἡμετέρους φίλους τοὑτων ἐγκρατεῖς ποιῆσαι · ὥστε οὐ τοῦτο δέδοικα, μὴ ουκ ἔχω, ὅ τι δῶ ἐκάστω τῶν φίλων, ἀν εὐ γένηται, ἀλλὰ μὴ οὐκ ἔχω ἱκανοὺς, οἰς δῶ. 'Υμῶν δὲ τῶν 'Ελλήνων καὶ στέφανον ἐκάστω χρυσοῦν δώσω.'' Οἱ δὲ ταῦτα ἀκούσαντες αὐτοί τε ἤσαν πολὺ προθυμότεροι καὶ τοῖς ἄλλοις ἐξήγγελλον. Εἰσήεσαν δὲ παρ' αυτὸν οἱ τε στρατηγοὶ καὶ τῶν ἀλλων 'Ελληνων τινὲς ἀξιοῦντες εἰδέναι, τί σφισιν ἔσται, ἐὰν κρατήσωσιν. 'Ο δὲ ἐμπιπλὰς ἀπάντων τὴν γνώμην ἀπέπεμπε. Παρεκελεύοντο δὲ αὐτῷ πάντες, ὅσοιπερ διελέγοντο, μὴ μάχεσθαι, ἀλλ' ὅπισθεν ἑαντῶν τάττεσθαι. 'Εν δὲ τῷ καιρῷ τούτω Κλέαρχος ὧδέ πως ἡρετο τὸν Κῦρον · "Οῖει γάρ σοι μαχεὶσθαι, ὧ Κῦρε, τὸν ἀδελφόν;" "Νὴ Δℓ'," ἔφη ὁ Κῦρος, "εἰπερ γε Δαρεἰον καὶ Παρυσάτιδός ἑστι παῖς, ἐμὸς δὲ ἀδελφὸς, οὐκ ἀμαχεὶ ταῦτα ἐγὼ λήψομαι."

Anab. Bk. I., c. 7, §§ 6-9.

- 2. Parse each word, giving also the construction, of:—"Ην δ' ήμεις νικήσω μεν, ήμας δει τοὺς ήμετέρους φίλους τούτων ἐγκρατεις ποιήσαι.
- 3. Decline together, in all three numbers, τῷ καιρῷ τούτω; also the noun ἀνήρ and the pronoun ἐγώ. Write out the tense διελέγοντο.
- 4. Give the principal parts, naming them, of the verbs to which belong δέδοικα,  $\dot{\epsilon}μπιπλάς$ , τάττεσθαι, λήψομαι.
  - 5. Explain, in the following:-
    - (a) τούτων έγκρατεῖς ποιῆσαι. Rule for the genitive τούτων?
- (b)  $\ddot{\delta}$   $\tau \iota \delta \dot{\phi}$   $\dot{\epsilon} \kappa \dot{a} \delta \tau \dot{\phi}$ . What mood and tense is  $\delta \dot{\phi}$ ? Give the reason for both.
- (c) ἐν δὲ τῷ καιρῷ τουτᾳ. Distinguish in meaning between καίρος and χρόνος.

#### HOMER.

# Time allowed, $1\frac{1}{2}$ hour.

1. Translate, without unnecessary change of construction :-"Ως ο γε κοιρανέων έπεπωλείτο στίχας ανδρών. Ήλθε δ' έπὶ Κρήτεσσι κιὼν ἀνὰ οὐλαμὸν ἀνδρῶν. Οἱ δ' ἀμφ' Ἰδομενῆα δαίφρονα θωρήσσοντο • 'Ιδομενεύς μεν ένὶ προμάχοις, στι εἴκελος ἀλκήν. Μηριόνης δ' άρα οἱ πυμάτας ὅτρυνε φάλαγγας. Τοὺς δέ ἰδών γήθησεν ἄναξ ἀνδρῶν 'Αγαμέμνων, Αὐτίκα δ' Ίδομενῆα προσηύδα μειλιχίοισιν. " Ίδομενεῦ, περὶ μέν σε τίω Δαναῶν ταχυπώλων 'Ημεν ένὶ πτολέμα ἡδ' ἀλλοίω ἐπὶ ἔργα 'Ηδ' έν δαίθ', ὅτε πέρ τε γερούσιον αἴθοπα οἶνον 'Αργείων οἱ ἄριστοι ἐνὶ κρητῆρι κέρωνται. Εἴ περ γάρ τ' ἄλλοι γε καρηκομόωντες 'Αχαιοί Δαιτρον πίνωσιν, σον δὲ πλεῖον δέπας αἰεὶ "Εστηχ' ώς περ έμοι, πιέειν ὅτε θυμὸς ἀνώγοι, 'Αλλ' ὅρσευ πόλεμόνδ', οἰος πάρος εὐχεαι εἰναι."

ILIAD, Bk. IV., vss. 250-264.

- 2. Parse each word, giving also the construction, of:—σὸν δὲ πλεῖον δέπας αἰεὶ "Εστηχ' Τος περ ἐμοὶ, πιέειν ὅτε θυμὸς ἀνώγοι.
- 3. Decline together, in all three numbers, πυμάτας φάλαγγας; also the noun ἀνήρ and the pronoun σέ. Write out the tense ἐπεπωλεῖτο.
- 4. Give the principal tenses, naming them, of the verbs to which belong  $\eta \lambda \vartheta \varepsilon$ ,  $i \delta \partial v$ ,  $\pi i \nu \omega \sigma i v$ ,  $\tilde{\varepsilon} \sigma \tau \eta \chi \varepsilon$ .
  - 5. Explain, in the following:-
- (a) συὶ εἴκελος ἀλκήν. In what cases are the two nouns? Give the reasons for each.
- (b)  $\dot{a}\lambda\lambda \delta i\dot{a}$   $\dot{\epsilon}\pi\dot{\epsilon}$   $\dot{\epsilon}\rho\gamma\dot{a}$ . Distinguish in meaning between  $\dot{a}\lambda\lambda \delta i\delta c$  and  $\dot{a}\lambda\lambda\delta i\delta c$ .
  - (c) σὸν δὲ πλεῖον δέπας. Give positive and superlative of πλεῖον.

#### FRENCH.

Time allowed,  $1\frac{1}{2}$  hour.

Examiner..... H. Aspinwall Howe, M.A., LL.D.

- 1. Translate, without unnecessary change of construction:
- (A). Marguerite de Waldemar, la Sémiramis du nord, reine de Danemarck et de Norvège, conquit la Suède par force et par adresse, et fit un seul royaume de trois vastes Etats. Après sa mort, la Suède fut déchirée

par des guerres civiles; elle secoua le joug des Danois, elle le reprit, elle eut des rois, elle eut des administrateurs. Deux tyrans l'opprimèrent d'une manière horrible vers l'an 1520. L'un était Christiern II, roi de Danemarck, monstre formé de vices sans aucune vertu: l'autre, un archevêque d'Upsal, primat du royaume, aussi barbare que Christiern.

- (B). Charles XII, impatient de ne pas aborder assez près ni assez tôt, se jette de sa chaloupe dans lar mer, l'épée à la main, ayant de l'eau par delà la ceinture: ses ministres, l'ambassadeur de France, les officiers, les soldats suivent aussitôt son example, et marchent au rivage malgré une grêle de mousquetades. Le roi, qui n'avait jamais entendu de sa vie de mousqueterie chargée à balle, demanda au major général Stuart, qui se trouva auprès de lui, ce que c'était que ce petit sifflement qu'il entendait à ses oreilles. "C'est le bruit que font les balles de fusil qu'on vous tire," lui dit le major. "Bon! dit le roi, ce sera là dorénavant ma musique." Dans le même moment le major qui expliquait le bruit des mousquetades en reçut une dans l'epaule, et un lieutenant tomba mort à l'autre côté du roi.
- 2. Parse each word of the sentence:—C'est le bruit que font les balles de fusil qu'on vous tire."
- 3. What determines the gender and number of Possessive Adjectives in French? Point out examples in the above extracts.
- 4. Se jette de sa chaloupe. In conjugating such verbs as jeter, appeler mener, what rules of orthography are to be observed?
- 5. Lui dit le major. What is the position, in French, of pronouns governed by a verb—(1) In affirmative sentences, (2) In sentences that are imperative positive, (3) In those which are negative imperative?
- 6. Translate into French:—"He asked me for it."—"I did not give it to him."—"Send them to us."—"Do not write to me."

# PROFESSIONAL EXAMINATIONS.

# FIRST YEAR.

#### BOTANY.

- 1. Explain the origin, occurrence and special function of the meristem tissue.
- 2. Establish the relationship between Rhizoids, Root-hairs and Roots. Give a concise account of their structure, function and occurrence.
- 3. Show how many types of growth are recognized in the stems of Spermaphytes. Give the principal characteristics of each, and also the associated characters.
- 4. Show under what conditions and by what organs CO<sub>2</sub> is obtained by the plant. Express the principal changes by chemical equations, and show how they are related to growth.
  - 5 Show what effects upon growth would result from girdling a plant.
- 6. Explain what is meant by root-pressure; show how it is related to the movement of nutrient fluids, and how it may be measured.
- 7. A plant unequally illuminated bends towards the light. Give an explanation of this phenomenon.
- 8. Leaves exhibit a change of position at night. Explain the cause and utility of such movement.

# HISTOLOGY.

Examiner: ..... Prof. Geo. Wilkins, M.D.

- 1. Describe a section through the esophagus in man, immediately above the junction of the upper and middle thirds.
  - 2. Describe a lymph follicle. Mention several places where found.
- 3. Give a full description of the varieties of nerve fibre: where respectively present, and any modifications they may undergo in their course.
  - 4. Describe the cochlea.

### SECOND YEAR.

#### ANATOMY.

Examiner ..... Prof. Shepherd, M.D.

- (1) Give the dissection necessary to expose the submaxillary ganglion and state from what source it receives its roots.
- (2) Name in proper order the structures it is necessary to remove to expose *completely* the arch of the aorta from in front.
- (3) Give a short description of the iliac portion of the os innominatum. How is it ossified, and with what parts of the scapula is it homologous?
  - (4) The Liver: its position, relations, and connections.
- (5) Origin, nerve supply, and actions of the muscles in relation with the femoral artery.
- (6) A short description of the veins and lymphatic glands of the arm and axilla.

### PHYSIOLOGY.

Examiner ...... Wesley Mills, M.A., M.D.

- 1, Show how General Biology and Embryology bear on the study of Physiology and Scientific Medicine.
- 2. Illustrate, by a series of diagrams, the formation of the accessary parts of the embryo.
- 3. Heart: (a) Histological structure. (b) Innervation. (c) Work and rest. (d) Ways in which modification of its rhythm may be effected.
- 4. Prescribe a dietary for a poor-house which shall be economical and physiological, giving reasons for your views.
  - \* Apply the same principles to the feeding of a pack of hounds.
- 5. Explain the relation of lymph and blood; and of these to the vessels which carry them, (Diagram).
- \* Explain on physiological principles the swelling of a horse's legs on standing long at rest.
- 6. In one case a clot of blood has formed on that part of the surface of the brain known as the "motor area;" in another within the lateral ventricle of the same side.

Candidates are required to answer four questions only, including one of the first two.

The symptoms may be almost identical. What symptoms arise? The explanation and cause of the similarity referred to above.

- 7. Discuss the influence of the Nervous System on the metabolism of the body.
- 8. In consequence of brain lesions, a subject has the following symptoms: Dilatation of the pupil, with insensibility to light; blurred vision; partial deafness (auditory nerve intact); loss of taste; some difficulty in articulation; lips drawn to one side, &c.

Explain the causes of these abnormalities

\* Discuss the subject of locomotion in quadrupeds, especially in the horse.

# CHEMISTRY.

- 1. Describe the process of electrolysis, what volume of 0, and H, measured at 15°c and 380 mm. pressure would be furnished by the complete electrolysis of 36 grammes of water.
- 2. What do you understand by the term dialysis, for what purpose would you use it, describe the necessary apparatus.
- 3. Calculate the weight of oxalic acid required with sulphuric acid to prepare 56 litres of carbon monoxide at standard temperature and pressure.
  - 4. Describe fully the physical properties of Phosphorus and Carbon.
- 5. Give an account of the occurrence in nature, mode of preparation and properties of Cl, Br, I, and Fl. Show the relations they have with one another.
- 6. Describe re-actions by which you can recognize small quantities of each of the following substances in combination: Sulphur, Sulphurous acid, Carbon, Bromine, Hydrofluoric acid, Hydrocyanic acid, Lead, Arsenic, Mercury.
- 7. Give typical re-actions illustrating the different modes by which salts may be prepared.
- 8. .268 of a gramme of a substance gave on combustion: .352 of a gramme of carbon-dioxide .108 of water, the substance has a molecular weight of 134, and is a dibasic acid, represent its formula.
- 9. By what re-actions can Glycol be prepared from ethylamine, succinic acid from Glycol, and Benzoic acid from Benzene.

<sup>\*</sup> For Students of Comparative Medicine.

- 10. How are each of the following substances usually prepared: Chloral, Glycerine, Oxalic acid, Glucose, Aniline.
- 11. Give equations illustrating characteristic re-actions of secondary alcohols, organic cyanides, Hydroxacids, Phenols, mercaptans.
- 12. What is the chemical nature of each of the following substances: soap, coal oil, milk sugar, sugar of lead, gun cotton. Name another substance of similar constitution to each.

# THIRD YEAR.

# PATHOLOGY.

Examiner ...... WYATT JOHNSTON, M.D.

- 1. Describe the structure of the common forms of malignant tumour.
- 2. Explain the importance of bacteria in influencing the conditions of Inflammation and Embolism.
- 3. Describe the changes which occur in the Liver in consequence (a) of chronic heart disease and (b) of chronic alcoholism.
- 4. Write briefly on the pathology of the following conditions:—
  Frostbite; Sunstroke; Bedsore; Pneumonia; Meningitis; Endocarditis.

### MEDICAL JURISPRUDENCE.

Examiner......Prof. Geo. Wilkins, M.D.

- (1) What do you understand by "live-birth?" What are the proofs? What are the objections to some of the so-called tests of live-birth?
- (2) Mention some of the more important evidences of homocidal strangulation. How would you distinguish between that and hanging; in the latter case seeing the body only after it had been cut down.
- (3) Wherein do the post mortem appearances of hanging, strangulation and suffocation respectively agree and differ?
- (4) What are the symptoms of poisoning by carbolic acid? How would you treat a case of the kind?
- (5) How would you distinguish between ordinary insanity and genera paresis of the insane.

# PHARMACOLOGY AND THERAPEUTICS.

Examiner ..... Prof. James Stewart, M.D.

- 1. Compare the actions of Physostigmine, Pilocarpine, Atropine and Morphine on
  - (a) Secretion.
  - (b) Intestinal Peristalsis.
  - (c) The Circulation.
- 2. In what forms of respiratory disease may the following agents prove of benefit:—

Apomorphine, strychnine, turpentine, morphine, and iodide of potassium?

Write prescriptions for the uses you mention.

- 3. Mention the mercurial compounds that are commonly employed in gastric and intestinal disorders. Explain fully their probable mode of action in such states. Write a prescription for the use of each compound you mention.
- 4. Discuss the principles of treatment in a case of general and abdominal dropsy of Cardiac origin. Describe fully the mode of action of the various means you suggest.
- 5. In what way is the urine changed by the internal administration of alkalies, rhubarb, benzoic acid, carbolic acid, and saccharine? Can any practical result be obtained from any of the actions of these agents on the urine? Write a prescription for the uses you mention.
  - 6. Write a prescription for a purgative when indicated in:
    - (a) Catarrh of the Bile Ducts.
    - (b) General Dropsy.
    - (c) Surgical Peritonitis, to prevent the formation of adhesions.
    - (d) Hæmorrhoids.

# HYGIENE.

Examiner ..... Prof. Robert Craik, M.D.

- 1. Describe briefly the principal physical characters of pure milk, and give the classification of foods based upon its composition.
- 2. What is the minimum of cubic space which should be allowed to each adult in a room? What is the maximum amount of carbon dioxide which is considered compatible with perfect health, and how many cubic feet of pure air per hour is required to maintain this standard?

1

3. How should the following waters be classified in the order of their salubrity:—

Shallow well water.
Deep well water.
Spring water.
River water containing sewage.
Stored rain water.
Surface water from cultivated land.
Upland surface water.

4. Describe an ordinary Syphon House-Trap. What are the principal dangers connected with it, and how should it be ventilated?

# M.D. C.M., FINAL EXAMINATION.

# PRINCIPLES AND PRACTICE OF SURGERY.

Examiners...... PROF. G. E. FENWICK, M.D. PROF. F. BULLER, M.D., M.R.C.S.E.

- (1) What kind of accident would be most likely to produce Fracture of the base of the skull. Describe the symptoms which would indicate such a lesion, and the treatment to be adopted.
- (2) Describe the relative position of the Subclavian Artery in the third part of its course. Mention the parts to be cut through in exposing the artery with a view to its ligation.
- (3) Give the course and pathology of Aneurism from its development to its termination.
- (4) Mention the circumstances which distinguish a cancerous growth from other tumours of the breast.
- (5) What structures are divided in the operations for Hydrothorax, Ascites, Hydrocele and Fistula in Ano.
- (6) How does the blood reach the lower extremity after ligature of the common iliac artery.
- (7) Describe the common forms of ulcers (non-specific). State what gives rise to ulceration and mention the appropriate treatment.
- (8) Describe the inguinal canal; in what structure is the internal ring situated, and in what relation is it to the epigastric artery.
- (9) Give the differential diagnosis between acute Iritis and acute glaucoma, and the treatment of these two diseases.
- (10) Enumerate the various pathological conditions which may cause defective hearing.

# THEORY AND PRACTICE OF MEDICINE.

Examiner..... Professor George Ross, M.D.

- 1. Give the characters of the eruption, and the day of its appearing, in Variola, Measles, Varicella, and Typhoid Fever: and the diagnosis between Varioloid and Varicella.
- 2. Give the characters of the blood in the advanced stage of Pernicious Anæmia. What history and symptoms will lead to a diagnosis of this disease?
- 3. Treatment of Acute Rheumatic Endocarditis, of Acute Tubular Nephritis, of Uræmic Convulsions, and of Capillary Bronchitis.
- 4. Describe the causes and morbid anatomy of Acute Dysentery, of Atrophic Cirrhosis, and of Amyloid Degeneration of the Liver.
- 5. Enumerate the pathological conditions which produce respectively Ascites, Icterús and obstruction of the Bowels.
  - 6. What symptoms commonly mark the passage of a Gall-stone? What is Hepatic Intermittent Fever? how produced?
- 7. What are the physical signs of Tricuspid regurgitation? What causes produce it?
  - 8. Describe Diphtheritic Paralysis, its course and its dangers.
- 9. State the causes and physical signs of dilatation of the stomach: and give the symptoms of Duodenal Ulcer.
- 10. A man æt. 23 was admitted into the Hospital complaining of weakness and feverishness. His previous health having been good, present illness began four weeks previously with fever and pains in several joints; the latter soon disappeared—had several chills at varying intervals—felt weak and depressed, experienced some dyspnæa, and had pains in left hypochondrium. On examination, looks pale and ill temperature 103°: pulse 108, collapsing; marked visible pulsation in the vessels of the extremities; a double murmur at the base of the heart; lungs normal; urine slightly albuminous; spleen somewhat enlarged and tender. Give Diagnosis in full.

# GYNÆCOLOGY.

Examiner..... Professor William Gardner, M.D.

- 1. Vaginitis: causes, symptoms, complications and treatment of the principal forms.
  - 2. Chronic Pelvic Peritonitis: its symptoms and physical signs.
  - 3. Ovarian Cyst: diagnosis from pregnancy and ascites.
- 4. Cancer of the Uterus: diagnosis from Chronic Metritis and Myoma. Treatment of hemorrhage in Cancer of the Uterus.

#### OBSTETRICS.

Examiner ...... Professor J. C. Cameron, M.D.

- 1. Describe fully the management of the Second Stage of labor, giving reasons for the various manœuvres recommended.
- 2. Describe the method of performing the improved Casarian Section, and mention the cases in which the Porro operation would be preferable.
- 3. A woman in the 35th week of pregnancy is thrown from a carriage—when examined a few hours after the accident, considerable pain is felt over the uterus on the left side a little below the fundus, and is aggravated by pressure—no discharge of blood or water per vaginam has taken place—feetal movements are distinct—feetal heart-sounds 110. On the third day a sudden hemorrhage occurs which greatly exhausts the patient—the feetal movements are distinct—feetal heart-sounds 100. How would you make a diagnosis? Describe fully your treatment.
- 4. How would you treat the following diseases and accidents of the new-born:
  - (a) Asphyxia.
  - (b) Purulent ophthalmia.
  - (c) Icterus.
  - (d) Fracture of humerus, femur, clavicle.

